

### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III

#### ENVIRONMENTAL SCIENCE CENTER 701 MAPES ROAD FORT MEADE, MARYLAND 20755-5350



SDMS DocID 2055

DATE

September 29, 2004

SUBJECT:

Region III Data QA Review

FROM

Khin-Cho Thaung KCT

Region III ESAT RPO (3EA21)

TO

Lorie Baker

Regional Project Manager (3HS34)

Attached is the organic data validation report for the New Jersey Fireworks Site (Case#:33178, SDG#:C0001, C0021, C0032, C0038) completed by the Region III Environmental Services Assistance Team (ESAT) contractor under the direction of Region III EAID.

If you have any questions regarding this review, please call me at (410) 305-2743.

Attachments

cc: Peggy Smith (MDE)

TO File #: 0015

TDF#: 0904

Lockheed Martin Information Technology ESAT Region 3 US EPA Environmental Science Center 701 Mapes Road Ft. Meade, MD 20755-5350 Telephone 410-305-3037 Facsimile 410-305-3597



DATE:

September 27, 2004

**SUBJECT:** 

Level M3 Organic Data Validation for Case 33178

SDG: C0001, C0021, C0032, C0038

Site: New Jersey Fireworks

FROM:

Organic Data Reviewer

Through:

Senior Oversight Chemist

TO:

ESAT Region 3 Project Officer

#### **OVERVIEW**

Case 33178, Sample Delivery Group (SDG) C0001, C0021, C0032, and C0038 consisted of twenty six (26) soil samples analyzed for volatile (VOC), semivolatile (SVOC), pesticides, and PCB's and twenty three (23) aquous samples analyzed for SVOC, pesticides and PCB's. All samples were submitted to Ceimic Corporation (CEIMIC) for analyses. The sample set included three (3) trip blanks, one (1) field blank, three (3) soil and (1) aqueous field duplicate pairs. Samples were analyzed according to Contract Laboratory Program (CLP) Statement of Work (SOW) OLMO4.3 through Routine Analytical Services (RAS) program.

#### **SUMMARY**

Data were validated according to Region III Modifications to the National Functional Guidelines for Organic Data Review, Level M3. All samples were successfully analyzed for all target compounds except those qualified "R" as noted in "MAJOR PROBLEM" section.

#### **MAJOR PROBLEMS:**

• Response Factors (RFs) were less than 0.05 for 1,2-dibromo-3-chloropropane in the volatile continuing calibrations. No positive results were reported for this compound. Quantitation limits for 1,2-dibromo-3-chloropropane in affected samples were rejected and qualified "R" on Data Summary Forms (DSFs) in Appendix B.

#### **MINOR PROBLEMS:**

• Positive results for pesticide/PCB compounds with percent differences (%Ds) greater than twenty-five percent (>25%) between the two analytical columns were qualified "J" on Data Summery Forms (DSFs).



• Several compounds failed precision criteria [Percent Relative Standard Deviation (%RSD) and/or Percent Difference (%D)] in the volatile and semivolatile initial and/or continuing calibrations. No positive results were reported for these compounds. Quantitation limits for compounds with %D > 50% were qualified "UJ" on DSFs.

#### **NOTES**

• Maximum concentrations of all target compounds found in the analysis of trip blank are listed below. Only compounds used to qualify data are listed. Samples with concentrations of these common laboratory contaminants less than ten times (<10X) blank concentration have been qualified "B" on DSFs.

<u>SDG</u> C0001	Blank VHBLK01	Compound Methylene Chloride*	Concentration (μg/L) 8 B μg/Kg	Affected samples All Samples
	Trip Blank (C0038)	Acetone*	5 B μg/L	C0009, C0016
C0021	VHBLK01	Methylene Chloride*	7 B μg/Kg	All Samples
C0038	VBLKPB	Methylene Chloride*	4 J μg/L	C0038
C0038	VBLKPB	Acetone*	5 J.μg/L	C0038
C0038	Field Blank (C0039)	Diethylphthalate*	7 J μg/L	C0047

- Volatile Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses of sample C0003 reported recoveries of trichloroethene and chlorobenzene in the MSD analysis outside lower control limits. Additionally, Relative Percent Differences (RPDs) for trichloroethene, benzene, toluene and chlorobenzene were outside Quality Control (QC) limits. No data were qualified based on these QC outlier.
- Volatile MS/MSD analyses of sample C0026 reported recovery of 1,1-dichlroethene in the MS analysis outside the lower control limit. No data were qualified based on this QC outlier.
- Sample C0026 was used for MS/MSD analyses by the laboratory. Non-spiked compounds, other than blank contaminants, were reported in the analysis of this sample and the MS/MSD analyses of this sample. Results and precision estimate are listed below.

		Concentrati	on (µg/Kg)	
Compound	C0026	C0026MS	C0026MSD	%RSD
1,1,1-trichloroethane	18	3 J	· 2 J	116
tetrachloroethene	15	5 J	3 J	83 -
bis(2-ethylhexyl)phthalate	. 380 J	510	540	13
%RSD = Percent Relative Sta	andard Devi	ation	•	•

• Sample C02B8 was used for MS/MSD analyses by the laboratory. Non-spiked compounds, other than blank contaminants, were reported in the volatile analyses of sample C02B8 and the MS/MSD analyses of this sample. Results and precision estimate are listed below.

	Concentra	tion (µg/L)		
Compound	C02B8	C02B8MS	C02B8MSD	%RSD
chloromethane	35	6 J	6 J	107
acetone	ND	7 Ј	9 J	25*
methylene chloride	ND	5 J	5 J	IN

 Volatile sample C0038 was used for MS/MSD analyses by the laboratory. Non-spiked compounds, other than blank contaminants, were reported in the sample C0038 and the MS/MSD analyses of this sample. Results and precision estimates.

	<u>Concentra</u>			
Compound	<u>C0038</u>	C0038MS	C0038MSD	%RSD
chloromethane	4 J	. 5 J	5 J	12
2-butanone	4 J	ND	ND	. IN

- The semivolatile MS/MSD analyses of sample C0003 reported recovery of pentochlorophenol in the MS/MSD analyses is 0%. No data were qualified based on MS/MSD recoveries.
- Sample C0003 (SDG C0001) was used for MS/MSD analyses by the laboratory. Non-spiked compounds, other than blank contaminants, were reported in semivolatile analyses of sample C0003 and the MS/MSD analyses of this sample. Results and precision estimate for samples C0003, C0003MS, and C0003MSD are listed below.

	<u>Concentra</u>	tion (µg/Kg)		
Compound	<u>C0003</u>	C0003MS	C0003MSD	%RSD
fluoranthene	280 J	150 J	180 J	33
benzo(a)anthracene	360 J	160 J	220 J	42
chrysene	· 460 J	270 J	320 J	28
benzo(b)fluoranthene	250 J	140 J	260 J	31
benzo(k)fluoranthene	280 J	190 J	140 J	35
benzo(a)pyrene	350 J	230 J	300 J	26
indeno(1,2,3-cd)pyrene	130 J	ND	ND	IN
benzo(g,h,i)perylene	160 J	ND	ND	IN

- Semivolatile MS/MSD analyses of sample C0026 reported recoveries of 4-nitrophenol, 2,4-dinitrotoluene, and pentachlorophenol in the MSD analyses, outside upper QC limits.
   Additionally, RPD for acenaphthene was outside the QC limit. No data were qualified based on these QC outlier.
- The MS/MSD analyses were performed on trip blank sample C02B8 (SDG C0032) and C0038 (SDG C0038).
- Semivolatile MS/MSD analyses of sample C0032 reported recovery of 4-nitrophenol outside upper QC limit in MS/MSD analyses. No data were qualified based on this QC outlier.
- Semivolatile MS/MSD analyses of sample C0049 (SDG C0038) reported recovery of 4-nitrophenol outside upper QC limit. Also, recovery of N-nitoso-di-n-propylamine outside lower QC limit in MSD analysis. Additionally, RPD for N-nitoso-di-n-propylmine. was outside QC limit. No data were qualified based on these QC outlier.



- Pesticide/PCB MS/MSD in SDG C0038 analyses of sample C0049 reported the RPD of 4,4'-DDT outside lower QC limit. No data were qualified based on this QC outlier.
- Semivolatile analysis of sample C0003 (SDG C0001) was performed at a three fold (3X) dilution. Contract Required Quantitation Limits (CRQLs) are elevated in this sample due to this dilution.
- Tentatively Identified Compounds (TICs) were reviewed during data validation. The laboratory reported several target compounds as TICs due to SOW requirements for reporting named compounds that have greater than eighty-five (>85%) purity. The retention times of these compounds did not compare well to the retention times of these compounds in the associated continuing calibration standards. Therefore, these TICs were changes to "unknowns" by the reviewer on the TICs Form Is. Compounds identified as blank contaminants or common laboratory artifacts were crossed off TIC Form Is by the reviewer. TIC Form Is for samples in which TICs were identified are included in Appendix C.
- Pesticide/PCB analysis for sample C0009 (SDG C0001) had recoveries of surrogate decachlorobiphenyl (DCB) outside the upper QC limit on both columns. No positive results were reported in sample. No data were qualified based on these surrogate recoveries.
- Semivolatile analyses for samples C0042, C0047, C0046, C0044, C0033, C0035, C0036, C0034, and C0037 in SDG C0038 had recoveries for surrogate terphenyl -d14 outside the lower QC limit. No data were qualified based on these single surrogate recovery outliers.
- Compounds detected below Contract Required Quantitation Limits (CRQLs) were qualified "J" if not superseded by "B" on DSFs.
- For VOC analyses, field duplicate pair, samples C0001/C0005 and C0007/C0011 in SDG C0001 and C0027/C0028 in SDG C0021 had comparable concentration.
- For SVOC, Pesticides, and PCB's analyses, field duplicate pair, samples C0027/C0028 in SDG C0021 and C0035/C0036 and C0045/C0052 in SDG C0038 had comparable concentration.
- Sample mass other than five (5) grams in the volatile soil analyses and 30 grams in semivolatile and pesticide/PCB soil analyses were used for samples associated with this case. Dilution factors reported on DFSs reflect actual sample masses used.

All data for Case 33178, SDG C0001, C0021, C0032, and C0038, were reviewed in accordance with Innovative Approaches for Validation of Organic Data, Region III, June 1995.

#### **ATTACHMENTS**

1)	Appendix A	Glossary of Data Qualifier Terms
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2) Appendix B Data Summary Forms

3) Appendix C Tentatively Identified Compounds (TICs)

4) Appendix D Chain-of-Custody Records

5) Appendix E Laboratory Case Narrative

DCN: 33178-C0001, C0021, C0032, and C0038

## Appendix A Glossary of Data Quality Terms

### ORIGINAL

#### GLOSSARY OF DATA QUALIFIER CODES (ORGANIC)

#### CODES RELATED TO IDENTIFICATION

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification.

- B = Not detected substantially above the level reported in laboratory or field blanks.
- R = Unusable result. Analyte may or may not be present in the sample. Supporting data necessary to confirm result.
- N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

#### CODES RELATED TO QUANTITATION

(can be used for both positive results and sample quantitation limits):

- J = Analyte present. Reported value may not be accurate or precise.
- K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.
- L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.
- UJ = Not detected, quantitation limit may be inaccurate or imprecise.
- UL = Not detected, quantitation limit is probably higher.

#### OTHER CODES

- NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.
- Q = No analytical result.

# Appendix B Data Summary Forms

Case #: 33178

SDG: C0001

**NEW JERSEY FIREWORKS** 

Number of Soil Samples: 20

Site: Lab.:

CEIMIC

Number of Water Samples: 0

Sample Number :		C0001		C0002		C0003		C0004		C0005	
Sampling Location :		S11		S12		S13		S14		S15	
Field QC		Dup. of C00	05							Dup. of C0001	
Matrix :		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		12:30		14:16		12:05		11:30		12:35	
%Moisture :		18		16 ·		10	•	41		27	
Dilution Factor :		2.6	_	1.9		1.25		0.96		1.0	
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	₹ 10 €	好有意。"		企图。必過						\$200 A	
Chloromethane	10										
Vinyl Chloride	10					Maria Tura					
Bromomethane	10						İ		,		
Chloroethane	2:⇒10».			77.45.3	Fig. 1						
Trichlorofluoromethane	10			,							
1:1-Dichloroethene	102		Z-2			The second	1				3
1,1,2-Trichloro-1,2,2-trifluoroethane	10			Maria Carlos Approvables on							
Acetone	10		3.3.2								
Carbon Disulfide	10					Westernamen or constitution of the second party.					
Methyl Acetate	10	· <b>G</b> asta						EXXEC T	22		
Methylene Chloride	10	13	В	17	В	11	В	15	В	5_	В
trans-1;2-Dichloroethene	10.		M.	<b>毫罗蒙</b> ,							Z#
tert-Butyl Methyl Ether	10	proprieta de la Calabrata de Ca	tours a service of	rangonomia and an anti-	emovemento como	Endigen Sinc. (Can Variations agricums)	·		were a see as	A PROMOPELANDO A TV 2/2	# TOWN TO THE
1,1-Dichloroethane	े 10∜		1.04								3.
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2-Butanone	.10				A						
Chloroform	10		TENNENS AND	more or on a construency and a construency	William Coco Mari		ACCURATION AND AND ADDRESS OF THE AD				emosts (a. )
1,1,1-Trichloroethane	: .¥10 <sup>™</sup>							35 TO 18			
Cyclohexane	10		CEASTE		Contraction of the Contraction o				AD-CICTROSCO I	management of the second	
Carbon Tetrachloride	10	<b>公司会</b> 之	建造								
Benzene	10					CONTRACTOR STATE OF STREET	1965229777777		AN THE SET OF SECURITY		on Th
1,2-Dichloroethane	×10	ALL ES			<i>3</i> 92.						
Trichloroethene	10			Principal Principal Principal		regions was a military and a consequency of	-	ez zamie montricioniki de control e e e e e			.,
Methylcyclohexane	.√ 10 ∋	MAC BEX	and the same of		den de						
1,2-Dichloropropane	- 10	-	S - 1427	Militarian Americanies	স্প্রতেশ্য	سعد فلاعف سند تقويات	·	المامان المستراك المعارف المستراك المارات		TETRIS SERVICESTO TO	e 2 1
Bromodichloromethane	107		FO.				7.		and the same		
cis-1,3-Dichloropropene	10		imi-a-	[	E KWINI	where Bringsmean	استعادا	الاستطاعة المتعاقبة المحاسعة	7070 T F	Control of the second	
4-Methyl-2-pentanone	<u>.≻.,10</u> ∻.			ff.			53 <b>25</b> , %				
Toluene	10	المستدانة المحاسبة	Alexander and	Marine A . L	mayo na	Park in American i	Seminal	Sharet demandement	Amenda alicente de la compansión de la c	erroren berauer et e	
trans-1,3-Dichloropropene	10.				de la	THE		in their			\$7.5°
1,1,2-Trichloroethane	10	Call and the Alberta and are	10men en en en	(MOSTON AND SERVICE STREET	المراج المساوا	المحموسية للمارأوند والمحود	Sindinitherani:	things and compared the state of the state o	a villación o la c	mysepper with the size some	استدرا
Tetrachloroethene	€ 10				-		\$#T 1.5	强声玩气 4	18 T.	1825	1.32.5

Case #: 33178

SDG: C0001

Site : Lab. : NEW JERSEY FIREWORKS

CEIMIC

Sample Number :		C0001		C0002		C0003		C0004		C0005	
Sampling Location :		S11		S12		S13		S14		S15	
Field QC:		Dup. of C000	)5	:						Dup. of C0001	
Matrix:	·	Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg -		ug/Kg	
Date Sampled :	8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	1	
Time Sampled :	12:30 ·		14:16		12:05		11:30		12:35		
%Moisture:		18		16		10		41		27	
Dilution Factor :		2.6		1.9		1.25		0.96		1.0	
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10		100 100 170	<b>数</b> 是一个4.3	2.2		是出		验学		YA:
Dibromochloromethane	10										
1,2-Dibromoethane	<b>10</b> .0			建筑点							
Chlorobenzene	10										
Ethylbenzene	<b>10</b> .		14,5 2		Stanton		经登				是人
Xylenes (total)	10										
Styrene	10.		Serio F							7.3	X 1.1
Bromoform	10										
Isopropylbenzene	10.				Ceni		3.2				
1,1,2,2-Tetrachioroethane	10										
1,3-Dichlorobenzene	€ 10.	<b>****</b> ********************************					2.70				
1,4-Dichlorobenzene	10										
1,2-Dichlorobenzene	10										
1,2-Dibromo-3-chloropropane	10	THE COMMERCIAL CONTRACTOR OF THE CONTRACTOR OF T	R		- Suprising the same and	TOTAL OR STORE AND A STREET OF A CO.					
1,2,4-Trichlorobenzene	10		7.37°	94944							

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

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Case #: 33178

SDG : C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

PIGINAL
THE WALL

Sample Number :		C0006		C0007		C0008		C0009		C0010	
Sampling Location :		S16		S21		S22		S23		S24	j
Field QC:		į		Dup. of C00	11						- 1
Matrix:		Soil	•	Soil		Soil		Soil		Soil	- 1
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	- 1
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		14:06	•	09:55		10:20		11:05		10:45	- 1
%Moisture :		29		23		22		33		19	- 1
Dilution Factor :		1.56		1.09		1.04		0.96		1.0	
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10-	MANAGE TE	الله الله الله الله الله الله الله الله		27.75			THE WE			1
Chloromethane	10					****					
Vinyl Chloride	10										<b>DE</b>
Bromomethane	10										
Chloroethane	10						批	i ni i			#25 t
Trichlorofluoromethane	10	3	J.	Maritim Townson			85000 TO		-	· · · · · · · · · · · · · · · · · · ·	
1,1-Dichloroethene	: 10∀		# 3								
1,1,2-Trichloro-1,2,2-trifluoroethane	10		and the second	****	no divolación de des		T13073-#306000				
Acetone	_10							<b></b>	B ≅		
Carbon Disulfide	10	Management of the Control of State of S	OF THE COLUMN	A CONTRACTOR OF THE PERSON OF	eren eren	The second secon	C. C. Carrier		CONTRACTOR (		
Methyl Acetate	10								1.2		
Methylene Chloride	10	19	В	10	В	8	В	13	В	6	В
trans-1,2-Dichloroethene	10 🌡			25世区							
tert-Butyl Methyl Ether	10		<del>বচন</del> ্তন		50°C" 2"	1000 C C C C C C C C C C C C C C C C C C	transfer s	MAN AND DESCRIPTION	Marketon (		79729-
1,1-Dichloroethane	10				70 Z						
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2-Butanone	110 🕾				25		2.2		<b>B</b> hI		A RE
Chloroform	10	TORRESTE !	105192F	\$28.47.53.00 Tel.32		PSOFFER	Jane Sales		West Carrier		************
1,1,1-Trichloroethane	10						27			277 K.E.	
Cyclohexane	10				5073)	यस समार सर्वे अस्तर है	22657 5	real reals and	351.55	Park to Alberta to the Control	Total Land
- Carbon Tetrachloride	10				D.C		200	<b>X</b>			
Benzene	10	77.00 Television	7527 तुल		সভাৰ ক	WINTERTE	₹ <b>₩</b>	Estadores.	e e Santas	aren en e	EX.
1;2-Dichloroethane	10	Linkskii:		MARK AL		Jije or the	Marie .	350/4.3	152465		
Trichloroethene Methylcyclohexane	10 10	<b>艾斯亚</b> 伊·	<b>19</b>	<b>मर्ज्यभा</b> र्क	茅土	প্রসূত্র এক্রক্সমূচন	蓝色		Mark'r	annerenasi	Singe
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1,2-Dichloropropane	10		22.4	NOTE AND A STATE OF THE STATE O	25°C V		Margaret Comp		#35E		eggergs (September
Bromodichloromethane		5.30.74			f (14, 12)	Territor (Served)	- T	A COLUMN TO SERVICE			\$\$5.F.R
cis-1,3-Dichloropropene	10 10		·		igita. 1						38.75
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Toluene	10 10			- Land					nach ser	TUR AREA	3.50 A
trans-1,3-Dichloropropene	10	Esta Hirara.		12: 1		. 二 MOV 想	25.00		YE257		MENAS.
1,1,2-Trichloroethane		ANDE	*****	Same Same	,		ere Stalija				建结
Tetrachloroethene	10	to the water	100	* -		1.00 By	3. A. 1.		Control of the second	Marie 17 14 14 14 14 14 14 14 14 14 14 14 14 14	PEP I

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Case #: 33178

SDG: C0001

Site:

**NEW JERSEY FIREWORKS** 

Lab.:

CEIMIC

Sample Number :		C0006		C0007		C0008		C0009		C0010	
Sampling Location :		S16		S21		S22		S23		S24	
Field QC:				Dup. of C0011				İ			
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		14:06		09:55		10:20		11:05		10:45	
%Moisture :		29		23		22		33		19	
Dilution Factor :		1.56	1.09			1.04		0.96		1.0	
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10				1000		1		32E	建设运输	
Dibromochloromethane	10										
1,2-Dibromoethane	10-						2/3	<b>2</b> .7.4			
Chlorobenzene	10										
Ethylbenzene	10 🗈				\$			W. HILL			
Xylenes (total)	10										
Styrene	10				To have the						
Bromoform	10	MANUS ANNO VALLE STATE OF THE S	***************************************	THE COURSE OF STREET	***************************************	*****	TOTAL LAW PROPERTY AND ADDRESS				
Isopropylbenzene	10										Z. 1
1,1,2,2-Tetrachloroethane	10		- Martin Commen	THE REST OF THE PERSON NAMED IN THE PERSON OF	See See See See See See See See See See	Second Assessment of the Control of	-	rae delicario della compania della c		T deleter a manufacture a ma	
1,3-Dichlorobenzene	₹ 10 €						Jan 1			d to y	
1,4-Dichlorobenzene	10	Approximate to the first portion of	- hammer waters	Company State Control of the Control		Paramonia de la composito de l			drawnas a sa	Character and Control of the Control	***************************************
1,2-Dichlorobenzene	10 🥞			Bazah :					7.6		
1,2-Dibromo-3-chloropropane	10	9723 TAXABET		- Angelogia de Cartino	- A TOWN THE PROPERTY AND IN		400000	AND THE PROPERTY OF THE PROPER			terrement of trees.
1,2,4-Trichlorobenzene	10		7					<b>在美国发现</b>		OF THE	产产

CRQL = Contract Required Quantitation Limit ,

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Revised 09/99

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Case #: 33178

SDG: C0001

Site : Lab. : NEW JERSEY FIREWORKS

CEIMIC

Sample Number :		C0011		C0012		C0014		C0015		C0016	
Sampling Location :				SS11	SS13		SS14		SS21		
Field QC:		Dup of C000	17	0011				10014		1 002	
Matrix:		Soil	••	Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		10:00		12:40		12:10	•	11:35		10:05	
%Moisture :		25		14		14		15		10:05	
Dilution Factor :		1.43		0.94		2.0		0.93		1	
	CRQL	Result	Flag	Result	- Floor		Flag		Clas	1.0	T = 1
Volatile Compound  Dichlorodiffuoromethane	10	Result	riag	Result	Flag	Result	riag	Result	Flag	Result	Flag
Chloromethane	10		are.		aliki.		متعد	2002		2:27	- 1
Vinyl Chloride	10		1941		Z.J.			<b>300</b>	355		829.J
Bromomethane	10		Milita.		125 m		36 S.S.	Section 1			Sec. 2
Chloroethane Chloroethane	10,5	<b>2020</b> - 12.51		en en en en en en en en en en en en en e	##735.		CHECK	FACUS SS		345615755	A. St.
Trichlorofluoromethane	10			\$ 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		334 1 15 2/32	iv. La.				E-A
1,1-Dichloroethene	10.		3. <b>3</b> .7.1.5.	4.4.74.7		#FFE EXAS	HALLES.	erace as some	17. C. F.	VERSION TO	
The second secon		altricul:	200					(E. 2001)			
1,1,2-Trichloro-1,2,2-trifluoroethane Acetone	10 10 =		17 2 3 S		<b>7</b> 07.00			2002 80 30 50	9235	e e e e e e e e e e e e e e e e e e e	<b>9237</b>
The same of the sa	**********	ein Biskai		200					ELECE.	6,7	В
Carbon Disulfide	10 2 10 2	arenes len	375	908 W. 1907	156G		35.42	(1802199-1-178)	15.4		<b>2</b>
	the all reduced the southern		deliner recorded.	ering (1	100				and the		200000000000000000000000000000000000000
Methylene Chloride	10 10	12	В	8	B N,≪	16	В	12	В	8 8	B ∄
trans-1;2-Dichloroethene	10		eriary	terilinet	in .		Alian S	No. of Carlos	Millio		
tert-Butyl Methyl Ether	10	9.34.730 N.	#.V.	arationes.	F.		F. 2			**************************************	5.4
1;1-Dichloroethane	10				Mo TE	2.46 k.166			ALATE:	and the	eJ.
2-Butanone	10				W. Tr						
Chloroform	10		A 500		iii l		Ebuir:			MARCH TO THE TANK THE	
1,1,1-Trichloroethane	∄10°≤			AND AND			<b>7</b> .70	70.00	San.	2.3	J.
Cyclohexane	10		de la		Tinal I		in the			Danie in Section 1	J'ai
Carbon Tetrachloride	-10 -10			AND THE					表正		
Benzene	10		P. Carrier	Makasa Belai John	12.	COMPANIE	in Oral is		ALC:		tisktes:
1,2-Dichloroethane	3. 10 Z								37 T.		
Trichloroethene	10		Market Land		<b>22.</b>		roboticE(i	in the state of		dikata e	THIC
Methylcyclohexane	a. 10		Topic May	778 5 G 41	THE.			Programme of the			
1,2-Dichloropropane	10	imist stra	تفالنسف	Add Late Control	æust.	المحافظة المستناء المستناد	ionai.	Photo Control of the	Samuel	All Ballings	A STATE OF THE
Bromodichloromethane	102				FW	ervsin	<b>78.</b> %	A STANCE VISE	3	22 D. S. C. W.	
cis-1,3-Dichloropropene	10	nethus die 1	المقاطستان كالما	MARK A.	الشهدرة	and State	ingent		Isamai	Brazin dining	£SC:
4-Methyl-2-pentanone	10				550 I						西蒙
Toluene	10.	urverser.	32 BL	. عُدِّ . السنانات	1983. T	aller Liverit				Mark Color	Lerse
trans-1,3-Dichloropropene	10										MEN:
and the state of t	10				/មិន ។		220			201. 120 . 12 C.	
1,1,2-Trichloroethane Tetrachloroethene	Same Same		# T. T.	製造を			्रहास इंट्राइट		TEST		J.F
l etrachioroethene	10	Sand Sand Francis		"特性"	•	74, 30, 37,	32 E.	<b>、東京教学研究会</b>	27.14.17	2 4 4	.J.2.™

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Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0011		C0012		C0014	****	C0015		C0016	***	
Sampling Location :		S25		SS11		SS13		SS14		SS21		
Field QC:		Dup. of C000	7									
Matrix :		Soil		Soil		Soil		Soil		Soil		
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	•	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004		
Time Sampled :		10:00		12:40		12:10		11:35		10:05		
%Moisture :		25		14		14		15		16		
pH:		8.0		4.8		8.9		6.9	,	7.1		
Dilution Factor :		1.43		0.94		2.0		0.93		1.0		
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
2-Hexanone	10.5			及域				No. 1 mile	Maria	建立企		
Dibromochloromethane	10											
1,2-Dibromoethane	. 10		972		55.0		1		Charles and		English C	
Chlorobenzene	10						<u></u>					
Ethylbenzene	10 🚽			d resemble					W.F.		2-	
Xylenes (total)	10				***************************************		ļ					
Styrene	∂- 10 °						Ž.					
Bromoform	10					BACHER CO.			Marie - Allier Trans			
Isopropylbenzene	10		2.2						232	15:13:		
1,1,2,2-Tetrachloroethane	10			·			****					
1,3-Dichlorobenzene	10								200			
1,4-Dichlorobenzene	10		NAME OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER									
1,2-Dichlorobenzene	10		71 900		<u> </u>			<u>Uraiyaa</u>			Aug.	
1,2-Dibromo-3-chloropropane	10		THE WAY		SAME HORY	AND THE PERSON NAMED IN COLUMN TWO	R		VIII .		DESCRIPTION OF THE PERSON OF T	
1,2,4-Trichlorobenzene	<b>\ 10</b> }	ALEXANDER OF STREET		Sec. 17.					250	1988 77		

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.: CEIMIC

Sample Number :		C0017		C0018		C0019		C0023		C0024	
Sampling Location :		SS22		SS23		SS24		SED3		SED4	•
Matrix :	Ì	Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/5/2004		8/5/2004	
Time Sampled :		10:25		11:10		10:50		11:20		10:25	
%Moisture :		12		11		17		34		21	
Dilution Factor :		0.96		1.19		1.22		0.94		0.91	
	RQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
	10	State Area	4.54	TOOUT IN	స్త్రాహత	A CALL		Kasa C	ay 公司	result	1 ag
Chloromethane	10		ALL STORY		1200-21		Marie NE		MALANT.		Halle Fe.
Vinyl Chloride	10%		£ 50			242307	7 1 A				1277
Bromomethane	10	1.341111V12 1.51.1				talente etilerette set attanes.	ALE IL MATE	index lateral	7.4. 18.00	Sharra selection 1	نعا تد
	103/					347.457		7.6	\$35.		
Trichlorofluoromethane	10	ropagentation attached British Sales	)ئىيدلىمقىياھ <u>ر.</u>	and the state of t	المثلثة وعشت	ommoneticological code code	T18/8686/47		joho kalityri dist"		a must a give
	10	1	rj/		SOL	1 7 7					
1,1,2-Trichloro-1,2,2-trifluoroethane	10	LEGISTRE STREET STREET	a room room	NAMES OF TAXABLE POR AND PORTER OF TAXABLE PARTY.	-	S. A. W. T. COMP. L. MARKET MESSE	MARKET LANGUAGE	A LINE OF THE COLUMN TO SERVICE AND ADDRESS OF T	NO TENNESSES	EST FROM HE PARKAGES	*13330*14,20
	1035				-120					<i>(</i> 0)	
Carbon Disulfide	10			and the second second	- Auto-	, account control of the control of	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A STATE OF THE STA			A ANTAGANICA
· Methyl Acetate	10*									773	
Methylene Chloride	10	11	В	8	В	9	В	11	В	.3	В
trans-1,2-Dichloroethene	10										
tert-Butyl Methyl Ether	10										
. 1,1-Dichloroethane	10		逐								
cis-1,2-Dichloroethene	10		entre entre						-	***************	W. W. W. CO.
2-Butanone	10	1. 10 P 7 1.									
Chloroform	10			nama 🗫 oblak Arabamat, 1971	STANSON CONTRACTOR	CONTROL SEMESTIMENTS AND A CONTROL OF THE CONTROL O	otazze era w		· narawa.		emen so.
1,1,1-Trichloroethane	10	2	J								
Cyclohexane	10	Marian Marian Marian de la company de la company de la company de la company de la company de la company de la	ক্ষেত্র হয় হ	Cultification in Early and dat			******				776/8717
haber in the sale of the second state of the second second in the sale of the second s	10				100 G 100 G	<b>或是</b> 安全	15 TO	2.14.19	The Land	11 Alber	<b>183</b>
Benzene	10	marka e e e	Constant.	1377 D442 C 17	Jan-	जन्मका स्टब्स्ट स्टब्स्ट के किया है। जन्मकार स्टब्स्ट स्टब्स्ट के किया है।	7224F		25.13		7777533
£	10.								<u> Transport</u>	1. Cair	逐星
Trichloroethene	10	ngagorangarara	202237	manantunda 1,2:	State dans		ब्रह्म सम्बद्धाः स्टब्स्		SHATE:		CASACANCO
a trial trial trial and the state of the sta	10				E	No. of complete St.					
1,2-Dichloropropane	10 10	anian.	िक्स्टर		<b>7,51</b> .5.		्दर <b>्</b> दर्	<b>***</b> *********************************	34		
and the state of the contract of the state o		Mest Maria		建筑等的人	1		10 m				
cis-1,3-Dichloropropene	10 10		<u> </u>				2013 2013		<del>Bear</del> t.	NUME THE P	130%5
The control of the co					£4	A County Day	******		Mil L		
Toluene trans-1,3-Dichloropropene	10 10		-805 G		7.8		संख्या				
1 74-1 7,42 477 474-1 2-1-1 - 14-1 - 2-1-1	10	Bignes F		distribution of the second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		BEEN!	ATTEMA			建工作了
	10	3	<b>.</b>			<b>7.013</b> I	7 <b>.</b>		<b>8</b> -77		
-Tetrachloroethene	10.5	rear in die	. J	7		10.00 m 10.00 m	Stine"	AFFE HARTY		25 · 外型,"是2000年)	15.89

Page \_\_8\_\_ of \_\_49\_\_\_

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0017		C0018		C0019		C0023		C0024	
Sampling Location :		SS22		SS23		SS24		SED3		SED4	
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/5/2004		8/5/2004	
Time Sampled :		10:25		11:10		10:50		11:20		10:25	
%Moisture :		12		11		17		34		21	
Dilution Factor :		0.96		1.19		1.22		0.94		0.91	_
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	100		WEEK.		7. E.		7.52			2000年1月1日	生党
Dibromochloromethane	10										
1,2-Dibromoethane	10:						5	4			
Chlorobenzene	10										
Ethylbenzene .	10_±										Sec.
Xylenes (total)	10								İ		
Styrene	10						K				
Bromoform	10										
Isopropylbenzene	10										
1,1,2,2-Tetrachloroethane	10						-		Commence acceptance		
1,3-Dichlorobenzene	10		1		2			V 12 12 12 12 12 12 12 12 12 12 12 12 12			2.2
1,4-Dichlorobenzene	10		A PROPERTY OF S						. Company and a second		
1,2-Dichlorobenzene	10,	MARKE.	$x \equiv z$						建全		1200
1,2-Dibromo-3-chloropropane	10	MERCINA MARIE AUGUSTANIA META ARCO	Processor State	A-MENINGER CONTRACTOR	R	various and the comment of the comme		COMPANIES OF THE STATE OF THE S	R	& stores - Transfer or a month	R
1,2,4-Trichlorobenzene	10:5		$Z_{i}^{a}$ $\gamma$				少文工	形"与400万			

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Revised 09/99

PIGINAL

Page \_9\_ of \_49\_

Case #: 33178

SDG: C0021

NEW JERSEY FIREWORKS

Site : Lab. :

CEIMIC

Number of Soil Samples: 6 Number of Water Samples: 0

Sample Number :		C0021		C0022		C0025		C0026		C0027	
Sampling Location :		SED1		SED2		SED5		SED6		SED7	
Field QC:			İ					ľ		DUP. OF CO	0028
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :		11:25		11:45		09:50		09:35		08:50	
%Moisture:		28		22		38		22		21	
Dilution Factor :		1.14		1.09		1.28		0.91		1.35	
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	iliya ara	(5) 25°		in i		e de la composição de l		100 m		veries.
Chloromethane	10		Sand Contaction of		CECONO.				of Walestoner Selface	Addition of the other of	
Vinyl Chloride	10								A Za		
Bromomethane	10	MONORANTE VIVE NAMED	Spinite in the		and action.		LEEDVET.		ente reconstra		
Chloroethane	ূ 10.		1,00								
Trichlorofluoromethane	10		2		মূলক ক	i della filla elle alabania de			TENNY TO T	TO THE PROPERTY.	احتالا المعادة
. 1,1-Dichloroethene	10		<u>`</u>		es		úĪ	7	J.		<b>M</b>
1,1,2-Trichloro-1,2,2-trifluoroethane	10		ਅਪਤ ਹਵਾਲ	أفلسنستك فتتنسب الا	المع <del>مدة الثاناة</del>	الاشكان سيتناه المستحدث		مالانامالكنديد لدريالكامالك	725		مانسالاساره
Acetone	10		Î.							e i saste i	#4#
Carbon Disulfide	10		रहा <u>न्द्र</u> ास्त्र	elembricher makrikelie en	المستحادة	التمامه مشتدرة ومرجاها		Khikmen on in in in in the m	and the same of th	ministransian vii <del>1881 ja 18</del> 44 –	المناسطينية
Methyl Acetate	10									EARL.	
Methylene Chloride	10	4	В	4	В	14	В	3	В	5	В
trans-1;2-Dichloroetherie	10	West 185	96 X 5	No. of Street	14 v		A.	<u>EALAS ES</u>	7.72		
tert-Butyl Methyl Ether	10		renter te e	akiissiin anderskerimins	anternance.		ne <b>mpro</b> nstructura	And The Land of the Control of the C	maring party	Section and here: 10-west week to	7 Se
1,1-Dichloroethane	. 10		72.		- A-		* .	24	17		
cis-1,2-Dichloroethene	10		-		एक्स्याचायर	المتمادة والمتمادة	Sections.	ئىرىنىڭ ئىرى ئارىلىنىدى	BALL THE	TO A WAY TO	estato.
2-Butanone	<u>10 7</u>	Trail			***						
Chloroform	10		استعمالك		ರಾಲ್ಪ್ ಪಾ		25577	্ৰত অসমূহ <del>কাৰ্যক্ষ</del>	GETT 1	FILE IN THE	and their
-1,1,1-Trichloroethane	10,		Tin 5		23-11	1 34.F.Z					
Cyclohexane	10	INCLUSE FILE	1200	ger ar r	37,741	St. Christian	engari	39 37 7 T 1988 - 3	785 T I	ESSUSERE S	PARTY
Carbon Tetrachloride	10 🖈										
Benzene	10		72000		374. T. le	45, ese 3,05	Model of		ME3355		Diget ( )
1,2-Dichloroethane	10:				<u> </u>						E.
Trichloroethene	10	114.525	777	waseren garage	Mar A with	Subministrations:	Markach College	<b>া</b> ক্লেক্ট্রেন্ড করে।	J		es destr
Methylcyclohexane	10		1		34 6.						\$.35°
1,2-Dichloropropane	10	485.54	77			- <u>শুক্ত শুক্ত হয়</u>	77.			34 15 13 15 15 15 15 15 15 15 15 15 15 15 15 15	ST.
Bromodichloromethane	10		T. Ste							BEITER.	
cis-1,3-Dichloropropene	10	<del>areasere</del> i	V 7 2 1 1	SALAN SALA	<i></i>	ರ್ಷ ೯೯,3%	RECTOR !	7.35	25.52.7	ाकाप्रसम्बद्धाः स	70,1134 T
4-Methyl-2-pentanone	10	<b>4</b> 72762		Jizza d		MANAN	REPRI			PALAKK	No.
Toluene	10		550.76	7.7%	a⊊i y	And the Contract Acts	7 <b>7</b> 703	TO THE PARTY OF TH	Zente.		erge see
trans-1,3-Dichloropropene	=10.				変いさ						
1,1,2-Trichloroethane	10		manageric com-	THE STATE OF	,		97 <b>108</b> 507	ikishidda makada salarikas	5/99855. **		ا و بخواص
Tetrachloroethene	-10		10.0		F. 6			. 15			8 - 17 - 1

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OPIGINAL

Case #: 33178

SDG: C0021

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0021		C0022		C0025		C0026		C0027	
Sampling Location :		SED1		SED2		SED5		SED6		SED7	
Field QC:						,		}		Dup. of C00	28
Matrix :		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :		11:25		11:45		09:50		09:35		08:50	
%Moisture:		28		22		38		22		21	
Dilution Factor :		1.14		1.09		1.28	1	0.91		1.35	
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10		100	3 (4.20)	20. T				\$ 1.00		
Dibromochloromethane	10						-				
1,2-Dibromoethane	= 10										30 °
Chlorobenzene	10		- Transfer	TWATTER STREET							TAKET OF
Ethylbenzene	10				建立	7. 7. 2.					200.2
Xylenes (total)	10		12 con 1		and and		TAXABLE PER				
Styrene	10										
Bromoform	10	المداور والمناورة والمناور	Section 2	and the country of th		-	TC DES	72777222222	·		
Isopropylbenzene	10			Zei Fai					<u> </u>		354
1,1,2,2-Tetrachloroethane	10	elkineteriklishin a lesin	म्बद्धाः पुरुष्	Territoria de la companya de la companya de la companya de la companya de la companya de la companya de la comp	- Section and all	العظامية والمالية المالية والمالية والمالية والمالية والمالية والمالية والمالية والمالية والمالية والمالية والم	مرافقة فتلشيد		7 <b>VR-F</b> X-00	entributé viralitation de la constitución de la con	THE PROPERTY.
1,3-Dichlorobenzene	102				m P	to the					
1,4-Dichlorobenzene	10		PERMITTED OF	ACM COMMENTAL CONTROL	Section Control		100000000000000000000000000000000000000		CONTRACTOR OF STREET	Charles a charles a charles	Protection and the
1,2-Dichlorobenzene	10.										1.25
1,2-Dibromo-3-chloropropane	10	And the state of t	R	ulles de Lisbergalines	R		R		R	SP-T-EVIDOWERS WAY	R
1,2,4-Trichlorobenzene	10.5	を行る。	2.1	是主体。	20 mg		YEY.	是并进	1	を基準を	7 222

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_11\_\_ of \_\_49\_\_

Case #: 33178 SDG : C0021

NEW JERSEY FIREWORKS

Lab. : CEIMIC

Site:

Sample Number :	C0028									
Sampling Location :	SED8									
Field QC:	Dup. of C00	27								
Matrix:	Soil									ľ
Units:	ug/Kg									
Date Sampled :	8/5/2004				}			Ì		
Time Sampled :	08:55									l
%Moisture :	42									l
Dilution Factor :	0.96				<u> </u>					
Volatile Compound CRQ	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane 10		Cardin.		New .	以对于1000000000000000000000000000000000000			£=21		1/2/20
Chloromethane 10			7.2				78627 743 8		Name of State of State of	10.2 Marini
Vinyl Chloride 10		ž			YE BE	差法				TATES.
Bromomethane 10									TOTAL STATE OF THE	
Chloroethane 10										151.57 1252.57
Trichlorofluoromethane 10			Marketin kalendrich met den ser	Programmers of						ALCOHOL: THE
1;1-Dichloroethene 10										
1,1,2-Trichloro-1,2,2-trifluoroethane 10		TOTAL TOTAL				And September 1		1481. A	THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF	7090747777777
, Acetone 10		1		<u>Pir</u>						
Carbon Disulfide 10		بافتدميكا	alike telusianskilandaren.	لمحمض	المتعادي الماركية الماركية والمعادية الماركية الماركية الماركية الماركية الماركية الماركية الماركية الماركية ا	***************************************	Marine in the factor	Section of the second	and an experience of the second	307mmine* no
Methyl Acetate 10			<b>26</b> /24-9	Š.				10		
Methylene Chloride 10	5	В	Patrician principal during the	اد کستگاند	<b>07 1</b> - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	5.8538F7	ACTORES OF PROPERTY		December of the Control of the Contr	(C)
// trans-1,2-Dichloroetherie = 10	ATA CEL					200				
tert-Butyl Methyl Ether 10		r coemic/	SENETH STATES	akalinaka u.	Charles and American Languages		NESCENCIAL MEDICAL	PROPERTY.	regarde o montage galles, hi	MEST ASSESSED.
-1,1-Dichloroethane									9.00	in the second
cis-1,2-Dichloroethene 10	1 20 Section 2017	2050000	3648 7 ST	anter.	TANGET SECTIONS	Collegious State State	Propression and the contract of the contract o	364,307.5	TOTAL STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,	98.45 m
, 2-Butanone	A BASTATTE					Lan		THAT		
Chloroform 10		TO THE	<b>पुरस्तर</b> ्टल्लास्टर	***************************************		ERES .	SMESSES SES	SECULO AC	<del>nanavanses</del> la	gger-a, e.e.
1,1,1-Trichloroethane 10		y e ye					# 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1			B. E.
Cyclohexane 10	K FINERFELD	<b>15.</b>	Z TRANSCO TOPES	9 <del>0</del>	THE REST	<b>इ</b> स्टर्ड	785 N F 1885 1887	श्राप्त	T TEXT SEC.	इस्टर १
Carbon Tetrachlonde 10				isa i i						
Benzene 10		3155		\$35 PT				en e	Mark to the first of the	5.5.
1;2-Dichloroethane	. Deserta	Mail		Barrier .					A Section 1	
Trichloroethene 10  Methylcyclohexane 10		<b>अ</b> ल्ला-		ELLT.		OF 15 (12)		रर । सन्दर्भ	SPRINGER NO	
and the contract of the contra		图图	Marie Contract Contract							
1,2-Dichloropropane .10  Bromodichloromethane .10	SEASTERN	ক্রেন		<u>-</u> '‱.		September 1	STATE A	September 1		F. 7.
The state of the s										ř.
cis-1,3-Dichloropropene 10		ŢŅ.	TELESCO . " I	.,,,,,,,,,	e vaet	mings.			TELETINET (T. T.	
4-Methyl-2-pentanone	الا كالملكة ال	4		Jan. 13 km.		interi				\$ 5, <sup>65, 6</sup>
Toluene 10 trans-1,3-Dichloropropene 10		F 77-	<b>S</b> TOLET O		ให้ <i>สม</i> ัติ ไ			3. Co	Propagation .	S
	18.32/2001	F	The State of			Caracter Communication	Armalia.		TONE CALL	7. 4.
1,1,2-Trichloroethane 10		egger -	analena j	12.00	an nameda	CKAPET	2244 MARKA	Processor or a		
Tetrachloroethene 10	と ないないない。	and a	the state of the	2713	41.77 国际等	3488		***	ALMAINERS.	

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Page \_\_12\_\_ of \_\_49\_\_ OF GINAL

Case #: 33178

SDG: C0021

Site:

**NEW JERSEY FIREWORKS** 

Lab.:

CEIMIC

Sample Number :		C0028	-		7						
Sampling Location :		SED8				,					
Field QC:		Dup: of C00	27	·							
Matrix:		Soil			•			Í		ļ	
Units:		ug/Kg									
Date Sampled :		8/5/2004									
Time Sampled :		08:55									
%Moisture :		42				1					
Dilution Factor :		0.96									
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10		2W.		# 35 E		- T		22.80		W. Y
Dibromochloromethane	10										
1;2-Dibromoethane	⇒∵10				المالية المسادة						到实
Chlorobenzene	10										
Ethylbenzene	10			ZAZET	<u>PE</u>						
Xylenes (total)	10						er responsive				
Styrene	ું. 10≌			Maria		<b>美国建筑</b>					
Bromoform	10	)									
Isopropylbenzene	.** 10					<b>经现在1</b> %					
1,1,2,2-Tetrachloroethane	10	1000000 April 100000 Television	tress comments	THE THE TANK OF THE TANK OF THE TANK OF THE TANK OF THE TANK OF THE TANK OF THE TANK OF THE TANK OF THE TANK O	THE STREET	Secondary Company		100 mark 100 mg (100 mg	A GRANDET STATE		Troniber seminari bar
1,3-Dichlorobenzene	10	Meser									
1,4-Dichlorobenzene	10										<u> </u>
1,2-Dichlorobenzene	10		<u> </u>								
1,2-Dibromo-3-chloropropane	10	wing the company of t	R	Medicalisation			and the second second				1
1,2,4-Trichlorobenzene	: 10 ⋅	400			\$4.00						

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_13\_\_ of \_\_49\_

OPIGINAL

Case #: 33178

SDG: C0032

NEW JERSEY FIREWORKS

Number of Soil Samples: 0 Number of Water Samples: 1

Site : Lab. :

CEIMIC

Sample Number :		C02B8									
Sampling Location :		SW15									
Field QC:		Trip Blank									
Matrix:		Water									
Units:		ug/L									
Date Sampled :		8/5/2004				ł					
Time Sampled :		09:00									
pH:		1.0									
Dilution Factor :		1.0									
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10**	And the same	19. July 19.		X * 78			生生(图)	ANT THE ST	4	
Chloromethane	10	35									
*Vinyl Chloride	∮ 10 <sub>€</sub>			Service and Line						in the state of th	
Bromomethane	10	- Strait comments from the strain of the str	· www.gotongoay.compos.			y, a sample y san y managagaaaaa a awata		ally administrational behaviores on a	di some en me en l		
Chloroethane	∑10°-		Z.				X.z.				
Trichlorofluoromethane	10	intermental data a marini		indian destructions desired	PTTEC 1			-	,	1 WW 12 Water - 7 years and 1 water 1 was	
11.1-Dichloroethene	. 10		E TALL				<b>22</b> 5				
1,1,2-Trichloro-1,2,2-trifluoroethane	10		American	-		i manda saman daga manufan daga kasar danah iba		187-1979	The Control		months on a real
Acetone	10*					Fig. 180	$\mathfrak{D}_2$		iffica		
Carbon Disulfide	10	district of the state of the state and a	Te-Rithards	Sandra and State of the sales	HARRY ALC	The transmission of the sales.	SAME OF STREET		Tagge on Assessment	The second secon	rmanerer:5
Methyl Acetate	10/	AT CAP						<b>5</b> 1444			
*Methylene Chloride	10	in definitely in the state of t	THEFT I	نده د معسمتان شه	85780'mm - 100	while and some X X	Min Library and	المتياسطىمىتان سائدى المارات ا	Ballenia Liebushi	Mark Stranger of Coloredon Stranger Stranger	(arranasanaza)
trans-1,2-Dichloroethene	10			Ten III			7.1			A since	EX
tert-Butyl Methyl Ether	10	Security of Ca	200 Decor	Lines to sould stocked	534994).E-	ورتق فيجا طبطس جيجا دهارين فقياب	39*5737	alaction which is not him in the com-	Strenger 107.445		market believed
1,1-Dichloroethane	10		idirei 4								57.74
cis-1,2-Dichloroethene	10	errotera e e e e e e e e e e e e e e e e e e	and in	क्षेत्रस्य ( <i>व्यास</i> णः	<b>S</b> HARTK	775 TC 10 447 167	en une v	Marie Str. Strates	TX1555277	<b>対象を下されて スカ・ビ</b>	and and confirm
*2-Butanone	10				22.54 2.64	Z-SA-Mini di				整大学。	
Chloroform	10	इस्ताना ज्ञानस्य	in the second	ALONNIN E	TAKE T		77F 8		ie pie	SERVE SERVE STRUCKER I	H.
*1,1,1-Trichloroethane	10 °			sinantin.			م عادُنْاهُ				
Cyclohexane	10 10			eath your						Control of the second	The same
*Carbon Tetrachloride							Me ir				
*Benzene *1,2-Dichloroethane	10 3 10 %							BFE BEFE			
Trichloroethene	10		allys (	Katai <b>S</b> PV(c)		(84) JD 44 (414)	AND THE		Sea of		arati kali
Methylcyclohexane	10			gagere :	Hedan.			हरा । राष्ट्र			ES:
*1,2-Dichloropropane	10	ر والكالكالياليالياليا	all the c	and it is	.**	\$20 i \$15 % \$1		Maria de la constanta de la co	11. W. L.	and branch with it	R77813
	*10\	THE	<b>E</b> SI		<i>3</i> .3		35.F.1			37.57.52.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.53.77.5	<del></del>
cis-1,3-Dichloropropene	10		ਜਿਹੀ ਸਮੇਂ ਹੈ।	12 Thu William		2	1.00	de value	, ", "dam	SIN DESCRIPTION	Oris I
4-Methyl-2-pentanone	10		Agrania Littura	garia.					and the same		
*Toluene	10	Militarian'	21.032	المستناه المستنا			Alim in	esse Water, al	ie itu	SECOND COLLECT	
trans-1,3-Dichloropropene	10										
1.1.2-Trichlomethane	10	and a later of the later of	Self(%. A)	Lagor Co.		* ** ' .**	AUTAST 1.	and the second	raa ay fal	ATOTAL TOTAL	len Ade Di
*Tetrachloroethene				Mar yanan Caratan		1,114,3	adar				(ESC.)

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Page \_\_14\_\_ of \_\_49\_\_ OPIGINAL

Case #: 33178

SDG: C0032

Site : Lab. : **NEW JERSEY FIREWORKS** 

CEIMIC

Sample Number :		C02B8									
Sampling Location :		SW15		ŀ							
Field QC:		Trip Blank									
Matrix:		Water									
Units:		ug/L		Ì	1			]		Ì	
Date Sampled :		8/5/2004		-							
Time Sampled :		09:00									
pH:		1.0					-				
Dilution Factor :		1.0									
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10		Marie Andrews								1
Dibromochloromethane	10	destructions and substitutions of actions and	and Marine	militis . end emmenden in arbitan albedo . done	Elleran and value age	Market and the second s			**************************************		
1,2-Dibromoethane	10				100						SEZ.
*Chlorobenzene	10										
*Ethylbenzene	10 :						17.05		25.5		
Xylenes (total)	10										
*Styrene	10								2000 P		
Bromoform .	10						l				L
Isopropylbenzene	10						30	de l'est s		it lik	
1,1,2,2-Tetrachloroethane	10		man ka halimatan	a 6000 hills from manner or man	congress of parameters	tions made to the contract of				- New York Control of the Control of	
1,3-Dichlorobenzene	10								Z		
*1,4-Dichlorobenzene	10			anderson of the state of the st					LANGE TO SERVE		
1,2-Dichlorobenzene	10			276							
1,2-Dibromo-3-chloropropane	10	onesima in commindente betrate		***************************************						Strate well-set for the content of the second	President 2 2000 C
1,2,4-Trichlorobenzene	10 <sub>8.9</sub>		7,812		T. 7	FAH.EE					3 m

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

#### DATA SUMMARY FORM: VOLATILES (Lab Results)

Page \_\_15\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0038

NEW JERSEY FIREWORKS

Number of Soil Samples: 0

Site: Lab.:

CEIMIC

Number of Water Samples: 2

Sample Number :		C0038		C0040							
Sampling Location :		SW11		SW13				·			
Field QC:		Trip Blank		Trip Blank							
Matrix :		Water		Water							ľ
Units:		ug/L		ug/L							l
Date Sampled :		8/3/2004		8/4/2004							
Time Sampled :		14:11		12:17							
pH:		1.0		1.0							
Dilution Factor :		1.0		1.0							
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	Y The state of	UJ		1		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00				2
Chloromethane	10	4	J								
*Vinyl Chloride	10			Lastan I				i a Tien	整立		\$ \$
Bromomethane	10										
Chloroethane	10	120 ( )	4.4		3	Fra Model	S.Y.		13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5		
Trichlorofluoromethane	10										
1,1-Dichloroethene	10	. تىدىنىدىدىدىدىدىدىدىدىدىدىدىدىدىدىدىدىدى	127.7				540 V				
1,1,2-Trichloro-1,2,2-trifluoroethane	10			<u> </u>							
Acetone	10	5	Β								2.2
Carbon Disulfide	10		<u> </u>								
Methyl Acetate	10		***	All and a second							
*Methylene Chloride	10	5	В	2	J		L				
trans-1,2-Dichloroethene	10:	5		10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
tert-Butyl Methyl Ether	. 10				l						
1,1-Dichloroethane	10					<u> </u>		4 TO 10 1			
cis-1,2-Dichloroethene	10			a managagagagagagagagagagagagagagagagagaga		a mining base surface of Arbase Statement (1997).	rating these offices (a.e.	promitting description of the second or second or second		Management and the street of the street	DE TROUBER
*2-Butanone	10	4	؞ٚؽڒ؞ؙ				À.				
Chioroform	10		a special control of the special of								
*1,1,1-Trichloroethane	10		25			er en					
Cyclohexane	10	a gargeturney, go eir restandydd yw the hillion fallan.				AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF			geogeong as to	. Light group white concerning an exercise to	#11.000.00TE2.000
*Carbon Tetrachloride	10		30.7								
*Benzene	10	gga, at company your a government your	Name and a second		i com un transcrimento		- Application of the control of	THE R. T. CAP THE VA. M. STIGHOU. VINTING V.	ca. New Commence of Market Co.	MARRIED F WAT DELVA MARRIED V	t the water we have
*1,2-Dichloroethane	10 <u></u>		Zić".								
Trichloroethene	10				<u> </u>						
Methylcyclohexane**	10.			e e e					25		美方
*1,2-Dichloropropane	10	and the second section of the second		The company of the contract of	i modući (i v. i	Marie Company of the African Space of the State of the St	*************	**************************************	comprehensive sus-	TOTAL CONTROL OF THE SECOND OF	SERT CARRY
Bromodichloromethane	10					TO THE STATE			AL SA	Market Area	
cis-1,3-Dichloropropene	10	and annual control control and the training of		rapprogramme a v m, major u .		and a second of the second of		SOURCE COMMUNICATION OF THE	Agency Codery or to	age-compression of May 2011	and the same of the
4-Methyl-2-pentanone	10	The section							A Fe		
*Toluene	10	attalkenins in maken ( , , , , , , , , , , , )	مدد مادان	magning (_ i	Į, l	ا در دد و ده د مو	and workship to a		the Off stale	sagenom eta patrino no con el con-	may a gray as
trans-1,3-Dichloropropene	× 10				.				Articles		
1,1,2-Trichloroethane	10								meter ramer -	Service and the service of the servi	
20 3. 17 15 7 1 m/c 1980 - Alexandria (1897) 1871		CELESCO TO THE			·		777	PART TO PROPERTY STATES	47 - 47	ALCOHOLD AND THE	E11.70 % D



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Case #: 33178

SDG: C0038

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :	•	C0038		C0040							
Sampling Location :		SW11		SW13							
Field QC		Trip Blank		Trip Blank							
Matrix :		Water		Water							
Units:		ug/L		ug/L							
Date Sampled :		8/3/2004		8/4/2004				1			
Time Sampled :		14:11		12:17							
pH:		1.0		1.0							
Dilution Factor :		1.0		1.0							
Volatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10							ear-ay			
Dibromochloromethane	10	Account of the Control of the Contro								**************************************	L
1,2-Dibromoethane	10		1				15 847.	Terrai			W.
*Chlorobenzene	10										
*Ethylbenzene	. 10*						5		Sale.		7.75 7.55
Xylenes (total) -Styrene:	10	***		Approximate and 1 to 1000pt. W	romerke I		-				
*Styrene:	10∜							22		<b>Yello</b>	
Bromoform	.10								AND THE PARTY OF THE PARTY.		
Isopropylbenzene	10										100
1,1,2,2-Tetrachloroethane	10	Manage Constitution and income and a	- CORPORATE TO 1	manageness and a contraction	mariat a l'oragina mens	in many warning to see a see see see	anancastrias s	Willers, and reports described and re-	- Service - Service (Sept.)	dang oli pagain yin agamunag nga kumb	Treatment (Section )
*1,3-Dichlorobenzene	10									Marks	
*1,4-Dichlorobenzene	10	TOTAL SOME AND TOTAL OF THE OWN		Managarana arabita a sarahaniana	- SPP-SudSky sydPSS, 7	. POSSA POT BURNING OF THE THE ANALYSIS THE		SECTION OF MANAGEMENT PROTECT.	, apagraganakayan yan	PROPERTY OF THE PERSON AND AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERS	NOT COMMON SOLU
1,2-Dichlorobenzene											25.2
1,2-Dibromo-3-chloropropane	10	I graphic (graphic graphic process or a		-	Comment of			STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL ST	ingen - circum pr	makasangin kanginakanaka - m d	
1,2,4-Trichlorobenzene	10	描述的句子	21. 1				10 mg	加工地			

CRQL = Contract Required Quantitation Limit

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

Page \_\_17\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0001

**NEW JERSEY FIREWORKS** 

Number of Soil Samples: 20

Site: Lab.:

CEIMIC

Number of Water Samples: 0

Sample Number :	C0001		C0002		C0003		C0004		C0005	
Sampling Location :	S11.		S12		S13		S14		S15	
Field QC:	Dup. of C00	05							Dup. of C00	01
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :	12:30		14:16		12:05		11:30		12:35	
Dilution Factor :	1.0		1.0	_	2.95		1.0		0.99	
Semivolatile Compound CRO	L Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde 33	a Sylvini			THE STATE OF				建之	整字型证法	
Phenol 33	)									
bis-(2-Chloroethyl) ether 33			EAL SA		Tay, in the					\$5.44°
2-Chlorophenol 33								<b></b>		
2-Methylphenol 33	y Estas	F.								32.5
2,2'-oxybis(1-Chloropropane) 33	The second secon					9-9-		,		
Acetophenone 33		L.SE		<u>.</u>						
4-Methylphenol 330				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		**************************************				
N-Nitroso-di-n-propylamine 33		25						XX.7	4.1.23	
Hexachioroethane 33						****				
Nitrobenzene 333	N TOPETH						35,82.79		YENE	数
Isophorone 330	AND DESCRIPTION AND DESCRIPTION OF THE PROPERTY OF THE PROPERT			entropy and the	Contraction of Contraction Contraction on the Contraction of the Contraction of the Contraction on the Contraction on the Contraction of the Contraction on the Contraction of the Contraction of the Contraction on the Contraction of the Contr	THE RESERVE OF THE PERSON NAMED IN		DOS DEPOYMENTS	•	
2-Nitrophenol 338										
2,4-Dimethylphenol 330	Andreas Commencer of the Commencer of th				ingin makasanan memakar	-			Market and the second	
bis(2-Chloroethoxy)methane 330	<u> </u>	沙光	21.31.19		Line Series					<b>亚</b> 药
2,4-Dichlorophenol 330	The second secon		WATER TOWN		77770X78147346766647	meentees/ < 3	WWW.Tarker	rowaniano.	Whaten the money	SESSECTION OF THE SE
Naphthalene = 330										
4-Chloroaniline 330			**************************************	and the contraction of the		240: 339v				lemment out
Hexachlorobutadiene 333				y il			影響設定	<b>X</b>		
Caprolactam 330	Comment of the Commen	i i compressione		arazariz.		KT 2392****		o de milios milios	THE STATE OF THE S	Wellington St.
4-Chloro-3-methylphenol				建空		20.197				
2-Methylnaphthalene 330	THE RESERVE THE PROPERTY OF TH		in and the second secon	سفائضا	2-12-12-22-22-22-23	CONTRACTOR OF	ACCURATION OF THE PROPERTY OF	and the same	en en en en en en en en en en en en en e	amateut ani .
Hexachlorocyclopentadiene 330		3						治之		
2,4,6-Trichlorophenol 330	AND DESCRIPTION OF THE PERSON	Greenween 1	and a company of the second			Property Communication of the		Serveton)	The state of the second of	0.000000000000000000000000000000000000
2,4,5-Trichlorophenol	L' ace Charles and	A Paragonal								
1,1'-Biphenyl 330		-क्रम्बर्ग्स	क्ष <del>ण्या स्टब्स्</del>	er nægn.	المناسلة المارانة المارانة	<b>3</b> 332	alle in a la description de la constante de la constante de la constante de la constante de la constante de la	- <del> </del>		re voor
2-Chloronaphthalene 330	AND A STATE OF STATE AND ADDRESS OF A DEC.		Santana La	X.				<b>建立</b>	rine The	
2-Nitroaniline 830				1899 Janes et		2772		MORE OF		MS5.30
Dimethylphthalate 330	TO A BROWN STREET, STR									
2,6-Dinitrotoluene 330	Ar - Marketin Charles and a comment of the	77782	را مادما در چوه موسع	esta .	747. ***********************************	43.722	STREET, SAN ELLE A	me com	مدسة خالفانه غشمله	>r≠rp xor
Acenaphthylene 330	And the state of t	£4973		900 - 1 2000 - 1				Eni &		
3-Nitroaniline 830				L						لــــا

ORIGINAL

Case #: 33178

SDG: C0001

Site:

**NEW JERSEY FIREWORKS** 

Lab.: CEIMIC

Sample Number :		C0001		C0002		C0003		C0004		C0005	
Sampling Location :		S11		S12		S13		S14		S15	
Field QC:		Dup. of C000	05			į.		!		Dup. of C0001	
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg	,	ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		12:30		14:16		12:05		11:30		12:35	
Dilution Factor :		1.0		1.0		2.95		1.0		0.99	
Semivolatile Compound C	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
. Acenaphthene	<b>330</b> ÷		Alexan A	10 m			Ž	Markares			J. I
	830										
4-Nitrophenol	830	San Su				\$ 7 . Z.F.			₹.430 1.34		
	330										
2,4-Dinitrotoluene	330		11.2			Market William					A Secretary
200	330		***************************************	Contraction of security Conso	Onepassoners:	**************************************	entre en eneme	BOOK OF BOOK OF THE STATE OF THE	regulary percolana	Laboration of the control of the con	oversement or the
en in the control of	330		7.7%								
	330										
the state of the s	830		1		75 Z	194 : S. 3	***************************************		E.E.		
	830	Magnetic School and Apply and the second	piteur repropriesa	(continues and continues)	The second second		THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER			No. of Section Associated Section 2012, 2013	
N-Nitrosodiphenylamine	330					SIRRE					
	330		-	graguska grajimi ka ariji .	error an-ma	CONTRACTOR CONTRACTOR AND ANALYSIS AND	h Pladforder v*	THE TAX TO THE PERSON OF THE P	CONTRACTOR AND AND		
Hexachlorobenzene	330										
	330	Marks 578 Williams Company	**************************************		-			***************************************			
Pentachlorophenol	830										
· · · · · · · · · · · · · · · · · · ·	330	43	J		n-entorupaping.pr		TOTAL POST CHARGE	79	J		-m-622386 (17')
Anthracene "	330		280					<b>DA</b> LGER	73.		建造
And the property of the second control of the second second control of the second seco	330			(Bring street, and a second of	arm ear i		Anti-Jack semant	THE REST HAVE BEEN AND ASSOCIATED BY			errorran
The second secon	330							Zerel Ar			
	330	72	J		TURNOST	280	J	180	J	Deliver of the second	reconstruction
and the state of t	330	77	Y.			750	J.	270	J.		
The state of the s	330	BONG TO STATE		מייני אוריייני	entrory.	د ماندست الله اد ماند - مداندستانات			. <del></del>	and the state of t	
the proof of the American Court of the State State and Contract of the Court address of the State of the Stat	330 ु		1				题		1	923年4	22.2
	330	versace version	7.277		aga y grannon	360	J	99	J	CONTRACTOR OF CHILDREN CONTRACTOR	2.75° 11.0
The second section of the second seco	330	62.″	بال		NA Ja	460	J	150	D.		
the second secon	330	140	J		DMCC2***	many for property of the second second second second second second second second second second second second se	100000000000000000000000000000000000000	Market Annual Control	The same of the sa	80	j
The Control of the Co	330 🤄										
المتعارض والمتعارض 330			ADDITION OF THE PARTY OF THE PA	ere e.	250	J	•	and Committee and	AND TO CONTRACT OF THE	المعلى معروب ا	
The first term of the property	330	43 :	, J		Sec.	280				Linda and b	
The state of the s	330		ಆಪ್ರಗಳು ಪ್ರಗಳ	95°-00' - 28' - 1-		350	J		omerne de 152.	TOTAL CONTRACTOR OF THE	gyegt Wriague
The state of the same of the state of the st	330	1516		Art of Articles	19 5 16 19 6	130	J				
	330	CORRECTION OF THE PROPERTY OF	25 mm	y ; ·-•		a sin management	وموريتها جرعوا	American State State of State State of		THE THE STATE OF THE	ה כ מקש:
Benzo(g,h,i)perylene	330	garaga di	ά.			160	<b>J</b>				

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_19\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.: CEIMIC

Sample Number :	C0006		C0007		C0008		C0009		C0010	
Sampling Location :	S16		S21		S22		S23		S24	
Field QC:	1		Dup. of C00	11					,·	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units:	ug/Kg		ug/Kg		ug/Kg	i	ug/Kg		ug/Kg	
Date Sampled :	8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :	14:06		09:55		10:20		11:05		10:45	
Dilution Factor :	1.0		0.99		0.98		1.0		0.99	
Semivolatile Compound CRQ	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde 330	A NEW YOU			ži.				5.0		1341
Phenoi 330									A A A A A A A A A A A A A A A A A A A	
bis-(2-Chloroethyl) ether 330										
2-Chlorophenol 330										
2-Methylphenol 330				20.7					itianis.	241
2,2'-oxybis(1-Chloropropane) 330						**************************************				
Acetophenone 330		ا عالمان	A 2754 1							
4-Methylphenoi 330										
N-Nitroso-di-n-propytamine : 330				-		rece	£3e ii	13.56		Ø5
Hexachloroethane 330	er Caranter Carante Service de la company		اغطامات سندرات تامعات است	entition of the same of		and listable or o	The second secon	Sales of the second		THE STREET
Nitrobenzene <330										i i i
Isophorone 330	s - The Marketina market of the state of the		<b>Salah si Like</b> . An derivata iran men asi	Bellevich	· material substantial substan	i magazanan engelar	TO SECURITY OF THE SECURITY OF			and of these sectors
2-Nitrophenol 330				Aria.						
2,4-Dimethylphenol 330		927 37 32 32 ·	المستعدمة الانتسامية	Marine M.		THE PROPERTY.	Secretary of the second	E TOTAL	The state of the s	CONTRACTOR OF THE
bis(2-Chloroethoxy)methane 330	1000	热力					MARKET EST			堅防
2,4-Dichlorophenol 330				· Popular		会議と		82.		weggers.
Naphthalene 3330	1 me 2 3 5 3 1	F. 300				75. FA		200		<b>E</b> Z
4-Chloroaniline 330		ETTERS.		PRESIDE	25-00***********************************			eretine.	TOTOTERNINGS.	PERKIT
Hexachlorobutadiene 330.				2. T			THEFT			
Caprolactam 330				<b>3.</b> 4.9				Tar.		SEK-05
4-Chloro-3-methylphenol 330	L. C. A.C.					The state of the s		San (15 ang s		
2-Methylnaphthalene 330 Hexachlorocyclopentadiene 330	( Print 16.	32.5				Harry	7.00	MEST.		
and the second of the second s		1920		200		90 TE		2 2 4	dikani.	MHA
and a few from the safe fulfill. I the affiliation of the safe fulfill the safe for the safe fulfill the saf		K.						(1.2) Sol(1)		
2;4,5-Trichlorophenol 830 1,1'-Biphenyl 330	And Annual D	Editions.	SERVICE !	2327276		2000 kg	Z. 9776 - 11V _	SOR E		March 1
2-Chloronaphthalene 330						DS:5				
2-Nitroaniline 830		\$6.4672	Take However 2	विकित्यक्षेत्र है।	Marin de la marina della marina	AR SE		28.257 L	Bulk borner.	Mark Charles
Dimethylphthalate 330						Andrew Const.	AURING			
2,6-Dinitrotoluene 330	i partiritàrio e	in a 1986.	ا ۱۹۰۹ کافلامشمالی	الميد بمثلاة	Cornell, Done	Additional P	Mary Company	22 W.C.	Michigan Maria Victoria (1966)	2008, 755.
Acenaphthylene 330		738 738	Environ.				vaska	858	554046	7455 305
3-Nitroaniline 830	Carpanition of China Charles and China Law Book		manual Maria	1 a a - W +	2 or Feder with the 13 or 2.	AND LONG TO	menterator de l'allaca Sell.		1000 C. T. 1000, 41 m., p. 1	¢%, γω *



Page \_\_20\_\_of \_ 49\_\_

OPIGINALI

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.: CEIMIC

Sample Number :		C0006		C0007		C0008		C0009		C0010	_
Sampling Location :		S16		S21		S22		S23		S24	
Field QC:				Dup of C00	11	,		ł			
Matrix :		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		14:06		09:55		10:20		11:05		10:45	
Dilution Factor :		1.0		0.99		0.98		1.0		0.99	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	330 ∨	<b>PERSON</b>	25.3	775 74 W	2.43	2000 B		<b>*</b> ***********************************	27.4%		
2,4-Dinitrophenol	830		MORNING CHANGE								
4-Nitrophenol	_830⊹						艺艺				
Dibenzofuran	330		İ								
2,4-Dinitrotoluene	330	200 m									
Diethylphthalate	330								<u> </u>		
Fluorene	330				4				200		
4-Chlorophenyl-phenyl ether	330										
4-Nitroaniline	830							Mill Mark			
4,6-Dinitro-2-methylphenol	830	No se entratar antique de la companya de la company	-	***							
N-Nitrosodiphenytamine:	330							<b>H</b>			
4-Bromophenyl-phenylether	330				amenta a analoles		-				
Hexachlorobenzene	330						21/2		3.5		545
Atrazine	330	THE STREET CONTRACTOR OF STREET, MINISTER, MIN	DMM CATHACTAR		MARKOTY COST NO.	A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7		*****			
- Pentachlorophenol <sub>≥</sub>	830										
Phenanthrene	330		-		The second second	88	J	Military and the Heart of Children		TORK MARKAGE RESTROYOUT FOR ONE / B / /	Production Community
Anthracene	330			100			1		200		
Carbazole	330			Carbon St. St. Call Specialism St. Land School St. Carbon St. Carb		-	- Commercial and Assessment			CONCRETE OF THE CO. A. C. CONCRETE	Total Walnut
Di-n-butylphthalate	330		17.2E		<b>E</b>	12.42					
Fluoranthene	330	-	32	71 /20 20 30 30 30		140	J			and the committee of th	
Pyrene	_330∻		进态		法数	210	j,				
Butylbenzylphthalate	330		· ************************************		The second section		oranie i se				
3,3'-Dichlorobenzidine	330				A see		AD				
Benzo(a)anthracene	330		200100000		المعادة بالتشاعية	85	J		275-787-188	The residence of the second of the second	WITT TO SHAPE
Chrysene	330.					140	Ű				
bis(2-Ethylhexyl)phthalate	330	7 2 0 000	TENTOTE S	760	*30.555	210	J		95.0° 2° 7.	100	J
Di-n-octylphthalate	330		Ži,						V		NO POWER
Benzo(b)fluoranthene	330	All the second second		ا خمخة ناسساء كالكار	andreas	94	J	ar every constraint	محتته		CHANGE I
Benzo(k)fluoranthene	330				21. 21.12.	84	J		Mint.		
Benzo(a)pyrene	330	Marking Control	merio. 1	TELECTIC .	etale e las	110	J	77 <del>272222222</del>		SECTION PROPERTY.	
Indeno(1,2,3-cd)pyrene	330					. 80	Ù				
Dibenzo(a,h)anthracene	330	استر فلسفيد المتكاليات أسا	- جنگٽنده	اد المحدود والمخ <del>الدانية ال</del>	ns. g. I	New Stranger	والمشارعة	Chick And Control	September 1777	MANUFACTURE TO THE	Special Co.
Benzo(g,h,i)perylene	່ 330 ⊬					84	J.	Mark I car	基本的	<b>基於江北省大</b>	

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Page \_\_21\_\_ of \_\_49\_\_ ORIGINAL

Sample Number :	C0011		C0012		C0014		C0015		C0016	
Sampling Location :	S25		SS11	SS11		SS13		SS14		ŀ
Field QC:	Dup. of C00	007								
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	•
Date Sampled :	8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	1
Time Sampled :	10:00		12:40		12:10		11:35		10:05	
Dilution Factor:	0.99		0.98		0.98		0.99		0.99	
Semivolatile Compound CRC	L Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde 333	<u>统建工权股外</u>	(45.25m)		in and	Markey				<b>对</b> 验证	1233
Phenol: 330						l				
bis-(2-Chloroethyl) ether 330	e sana. Ye								<b>S</b> 25	2015
2-Chlorophenol 330								<b>.</b>		
2-Methylphenol 330		1	<b>Lift</b>		Et Land St	å. : 30. : i				
2,2'-oxybis(1-Chloropropane) 330										
Acetophenone 330						5 61				
4-Methylphenol 330					· Lincoldaria - Mindelina Mandanida					
N-Nitroso-di-n-propylamine		7		200	ALL SIMILE					
Hexachloroethane 330	- Are a little market halpstock with a m				angi igijinishironga dapada 1772 ( cinasibi		**************************************			-
Nitrobenzene 330		486						7		FIL
Isophorone 330	and the second control of the second control	Mark Alichenia	(CONTRACTOR CONTRACTOR		The second of th	Not the con-	TOTAL PROPERTY OF CONCRETENCY	error manner		200000000000
2-Nitrophenol 330					第24年		2.43.5			
2,4-Dimethylphenol 330		townsomer	TOO DESTRUCTION OF THE PROPERTY OF THE PROPERT	29867777778	and the second	14800111131-30 :		AST N. CT SE'SE'SE'SE	West and the second of the	ngarmaganya,
bis(2-Chloroethoxy)methane 330			n=12  "	24.57		到进	397.422F	34	M. MEZR	274
2,4-Dichlorophenol 330		200,000	Market Source Care Action		PERMITTINGS PROPERTY.	energene		magamy a rig	PERSONAL ATTEMPT NEW PERSONS CARE	- PETER TAXABLE P
Naphthalene 330						7.6		<b>1</b>		
4-Chloroaniline 330	and the second s	াক্ত প্রেক্ত	Maria de entre est	AND THE	TAGEST OF STREET	7 NF 1884	NAME OF TAXABLE PARTY.	and the same of th	CONTRACTOR CONTRACTOR	י שניה ערונא
Hexachlorobutadiene 330	week. The construction of the construction of	40.5		Fa						
Caprolactam 330		<u> इक्षाम रा</u>	40	J		STATISTS.	का सम्बद्धाराम् राज	R7577.	TO YES TO THE SETS	منسشمت
4-Chloro-3-methylphenol	G .c. browners			a de la companya de l						
2-Methylnaphthalene 330	An - Bernament and annual transmit		E Mesar reprinte	SPECT ASS	engana <del>cal</del> ear	स्पर स्टाम	AVERGINA DE ATE	nanata.		
Hexachlorocyclopentadlene 3330	ALL THE CONTRACTOR OF THE PARTY									223
2,4,6-Trichlorophenol 330		en unitario	THE COLUMN	State-Seater .	iagaapra (mpaga gawan)	THE THE	CONTRACTOR CONTRACTOR	363.557 TV	ranges andered	PROF CT
2,4,5-Trichlorophenol 830				為外。						35
1,1'-Biphenyl 330	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	الاستالية	T104812882123	Early 1	RTREET	40.00			200 2 M2	eggi 4 ×
2-Chloronaphthalene			المنافقة الأسكاء	21					ark libr	240
2-Nitroaniline 830		Section 2	कुरमान्त्रकार <b>।</b>	POWER SKIP	The state of the s	JANUA .	Service Control	aezu"		1953#1 3 F
Dimethylphthalate 330		غداند								3,42
2,6-Dinitrotoluene 330	97 <del>972, 973, 9</del> 702.	35.20	Brank States in	985.55	property and the con-	San Control	Cientification	Marie .		777 75
Acenaphthylene 330					ACCUMUM.					7 (A)
3-Nitroaniline 830										

Page \_\_22\_\_ of \_\_49\_

ORIGINA

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.: CEIMIC

Sample Number :	C0011	C0012	C0014	C0015	C0016
Sampling Location :	S25	SS11	SS13	SS14	SS21
Field QC:	Dup. of C0007	1			
Matrix :	Soil	Soil	Soil	Soil	Soil
Units:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Date Sampled :	8/3/2004	8/3/2004	8/3/2004	8/3/2004	8/3/2004
Time Sampled :	10:00	12:40	12:10	11:35	10:05
Dilution Factor :	0.99	0.98	0.98	0.99	0.99
Semivolatile Compound CRQL	Result Flag	Result Flag	Result Flag	Result Flag	Result Flag
Acenaphthene 3330		este si		BYEATE 200	
2,4-Dinitrophenol 830					
4-Nitrophenol 830					
Dibenzofuran 330					
2:4-Dinitrotoluene 330					
Diethylphthalate 330					
Fluorene 330					
4-Chlorophenyl-phenyl ether 330					
4-Nitroaniline 830		ESTALL PO			
4,6-Dinitro-2-methylphenol 830					
N-Nitrosodiphenylamine 330					
4-Bromophenyl-phenylether 330			Miles and the contract of the	19974-1998	
Hexachlorobenzene 330					ere Belle
Atrazine 330					
Pentachlorophenol 830			atione to		
Phenanthrene 330				The figure of the second of th	
Anthracene 330					
Carbazole 330	ACCES - 2 MILYER - 1			ADMINISTRATION TO DATE OF THE	PROGRAMME TO THE STATE OF THE S
Di-n-butylphthalate 330		řizice Sii	33.44.97 A.S.A.		
Fluoranthene 330		7.5	West and the second		
Pyrene 3330				Sibaté bi	
Butylbenzylphthalate 330					
3,3'-Dichlorobenzidine					
Benzo(a)anthracene 330		PROJECT STORY	Service Constitution (Section)	eneral republic	PRESIDENTIAL PARENTS
Chrysene 330	receipt in the control of the contro			South Marine of the State of th	
bis(2-Ethylhexyl)phthalate 330	550	92 J	JUNE 20 22 20 24 5 1 5 25 6 7 1	High Harring at Michigan	140 J
Di-n-octylphthalate 330					
Benzo(b)fluoranthene 330	l l			Managaran Assaur	
Benzo(k)fluoranthene 3307					
Benzo(a)pyrene 330		PRESIDE A PERSON	inde ter plansker for entitlester		255-775-77 (DL 27)
Indeno(1:2,3-cd)pyrene 330	Andreas de la come				
Dibenzo(a,h)anthracene 330	errene	######################################	omerca consissasce in the state.	THE PROPERTY OF THE PARTY OF	BENTALISMOTE MARK I
Benzo(g.h.i)perylene 330	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	<b>静静的事件</b> 登場		IARRATIVE FOR CO	数字。 第二章

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_23\_\_ of \_\_49

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0017		C0018		C0019		C0023		C0024	· · · · · · · · · · · · · · · · · · ·
Sampling Location :		SS22		SS23		SS24		SED3		SED4	
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ua/Ka		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/5/2004		8/5/2004	
Time Sampled :		10:25		11:10		10:50		11:20		10:25	
Dilution Factor :		0.99		0.99		0.99		0.99		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	⊴ 330	Statistics.			3		12		a de la	ti kilika i	
Phenol	330										
bis-(2-Chloroethyl) ether	::330	37 F 35	15. Mg						ne de la companya de		
2-Chlorophenol	330										
2-Methylphenol/	330	Interes									
2,2'-oxybis(1-Chloropropane)	330		nder and the second								
Acetophenone	330				ET.				9		<b>1</b>
4-Methylphenol	330		7				**************************************		incompanie Posser		
N-Nitroso-di-n-propylamine	330		Z 1				33E				
Hexachloroethane	330	***************************************	2002-2000-00-	**************************************		<b>Managemen</b> a of the special comments of the special sp		t a X vo to a gramma and to the brook and a state of the			
Nitrobenzene	_330			#F##							
Isophorone	330		and Common and the	***************************************	Principal and		Cartimos belo.		***************************************		
2-Nitrophenol	330 👙		是去		77.7. 25.1.1				2	数以为约	
2,4-Dimethylphenol	330		and consistency	Material and the Control of the Cont	- Kalacian mata		-		Name of the last o		************
bis(2-Chloroethoxy)methane	330				YES				¥Z.		
2,4-Dichlorophenol	330	nergaga <del>yanada</del> ranean	Same and a	Market Market States	Standarden.	STATE TO BE A STATE OF THE STAT	***************************************	Language Value and Market Andrews			
Naphthalene	ુ330ુ		524		<u> </u>					200 Tab	
4-Chloroaniline	330	क्षात्रकार सम्बद्धाः स्टब्स्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट्रेस्ट	35000		THE PARTY		FEX 5750	TENEDUCA PRODUCT	200727		erskarnerer .
Hexachlorobutadiene :	330						10	37.4524			
Caprolactam	330		X88.70.	and interes similarly life (1971)	THE LOSS.	Linkardara (Conserver)	MATERIAL PROPERTY.		- Service Control		1.000000000000000000000000000000000000
4-Chloro-3-methylphenol	_330				ME						
2-Methylnaphthalene	330	ख्या अध्यक्त	KALENT	CAN GOOD COMP	2015 2015	www.come	ख्या द्व	र १९१४ के अधिक	arrest Ma	KANTOT TUNCKER	revisers.
Hexachlorocyclopentadlene	ુ330ે							A Service Control			
2,4,6-Trichlorophenol	330		STORE.	Secretary revenues	्युक्तसम्ब	Section 4.5	रम्भाग्यस्थ्य		50000000000000000000000000000000000000	558 S. C. Mariana, C. C. Maria	erenastri.
2,4,5-Trichlorophenol	830		de la la la la la la la la la la la la la	No. of the			N. YE				
1,1'-Biphenyl	330	State of the control			geggi.	ners, en garrin	राजकार	45 S. T. T. T. T. T.	वक्रमण्डल	NA DON NO SUREMO	
2-Chloronaphthalene	330 830		ă.						3.44		
2-Nitroaniline	830 3 <b>30</b>										ALZI-Y
Dimethylphthalate	determine a market file.		X2545		9727	resident.	ZY.				
2,6-Dinitrotoluene	330 330		201		E		TE TIME		E#		
Acenaphthylene	330 830	Saf Sha Line	eer o	mp populari			Har.		SE	Paralis.	W.F
3-Nitroaniline	830	L									$\Box$

Page \_\_24\_\_ of \_\_49\_\_\_\$|

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0017		C0018		C0019		C0023		C0024	
Sampling Location :		SS22		SS23		SS24		SED3		SED4	i
Matrix :		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/5/2004		8/5/2004	
Time Sampled :	ĺ	10:25		11:10		10:50		11:20		10:25	
Dilution Factor :		0.99		0.99		0.99		0.99		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	ີ330			Lara Francisco	د نمن		arist.				ina.
2,4-Dinitrophenol	830										
- 4-Nitrophenol	830		Service Service	<b>METAL S</b>			44		E L	3	图》
Dibenzofuran	330		Termonerou				*****				
2,4-Dinitrotoluene	330 💸						A Ja				
Diethylphthalate	330	***	~~~~								
Fluorene	₹330	PALE.	La Diet A								ZZĒ
4-Chlorophenyl-phenyl ether	330										
4-Nitroaniline	830										
4,6-Dinitro-2-methylphenol	830				*******				<u> </u>		
N-Nitrosodiphenylamine:	330	护护进	逐步								300
4-Bromophenyl-phenylether	330	and the least of t	rate and severes.	n North Common Address and the second of	s No Performance (NOSIA)	CONTRACTOR CONTRACTOR	Nation Associate	CONTRACTOR OF A STATE OF THE STREET		STREET, CHARLESTON CONTRACTOR	- Marie Company
Hexachlorobenzene	330										Œ
Atrazine	330	Defail The Complete September 1		ente solono de prompo especiales.	waspertie to				almanaratus aggeria		
Pentachlorophenol	830				MA						
Phenanthrene	330	an ann ann an an an an an an an an an an			::::::::::::::::::::::::::::::::::::::	rendere breese entwernering commo	VITE OF THE PARTY		continues reviews	Management and process and the same of the	
Anthracene	330				YMC.						
Carbazole	330		978 W W W W W W W W W W W W W W W W W W W	over the transfer of the same		STORY CASE STORY		OF THE PERSON NAMED IN	ACTIVITIES **		community and
, Di-n-butylphthalate	330				W.3			347.54			
Fluoranthene	330		AND MARKET		ware ea	247 TMP80 TANOFFF T	The common	130	J	area and the second of the second	arrane
Pyrene	330 2	NEW E						130	J.		25%
Butylbenzylphthalate	330			90 <del>5</del> 05 <b>240 127</b> 136 22	******	THIS OF LEGE		****	anners en		errensword
3,3'-Dichlorobenzidine	330		S. C. M		22.	ELLE E		X X			Coast I
Benzo(a)anthracene	330		Mariania.	Zavier wysar	AMED STEED.	CHAPKALISHES	TORUS CONTROL	75	J		DOMESTIC VIEW
Chrysene	330							110:	J.		<b>E</b>
bis(2-Ethylhexyl)phthalate	330	lanaminaninan zar zibeti i	220,200	89	J	SE DEFE	astrian en	150	J	130	J
Di-n-octylphthalate	330		333								<b>35</b> 43
Benzo(b)fluoranthene	330	<i>লে ভালাৰ কৰে</i> সং	77.54°	المالا كالمالية المالية	- ئىستىرا	STATE OF THE STATE OF THE	ministra	100	J	TERESTITION OF	क्षाप्रकार है. :
Benzo(k)fluoranthene	330					THE E		79	<b>.</b>		
Benzo(a)pyrene	330	THE SHARE STREET	مدغنتهند	ادسائات <del>دايان سفادد</del>	Tres to	Programme STEELS CO.	regar.	69	J	Mark Market	erroger in
Indeno(1,2,3-cd)pyrene	330		أختدك		<b>3</b> 7.3.			56:			
Dibenzo(a,h)anthracene	330	THE WEST TO THE	September 1	<b>3</b> (3)	1957 T. L	SELTER PERSONAL I			895°55 (1	Programme and Programme	(*G. c c
Benzo(g;h,i)perylene	330			<b>强胜</b> 人名		· · · · · · · · · · · · · · · · · · ·	4 1	A PER	<b>发</b> 至	40000000000000000000000000000000000000	

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_25\_\_ of \_\_49\_\_

Case #: 33178

Site:

Lab.:

SDG: C0021

**NEW JERSEY FIREWORKS** 

CEIMIC

Number of Soil Samples: 6 Number of Water Samples: 0

Sample Number :		C0021		C0022	,	C0025		C0026		C0027	
Sampling Location :		SED1		SED2		SED5		SED6		SED7	
Field QC:										Dup. of C00	028
Matrix :		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :		11:25		11:45		09:50		09:35		08:50	
Dilution Factor :	,	1.0		0.98		0.99		0.98		0.99	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	∕ 330 ∜		<b>经生投</b>		盖岩沟	Joy Horselin				74	J
Phenol	330										
bis-(2-Chloroethyl) ether	330							4.5	35.7.F		
2-Chlorophenol	330			,				2.000			
2-Methylphenol	330										
2,2'-oxybis(1-Chloropropane)	330										
Acetophenone	330										
4-Methylphenol	330									860	
N-Nitroso-di-n-propylamine	330		3.1								
Hexachloroethane	330										
Nitrobenzene	330									Yate	
Isophorone	330										
2-Nitrophenol	330						\$ x x				
2,4-Dimethylphenol	330								l		
bis(2-Chloroethoxy)methane	330		2000				5.40			History o	
2,4-Dichlorophenol	330										i
Naphthalene	330						9 E				4
4-Chloroaniline	330										
- Hexachlorobutadiene	330	W V 541								HINE	
Caprolactam	330										
4-Chloro-3-methylphenol	- 330	a West a co								Me Etc.	
2-Methylnaphthalene	330										
Hexachlorocyclopentadiene	∮330 -								i de la companya de l		
2,4,6-Trichlorophenol	330										
2,4,5-Trichlorophenol	∳830	計画。並									
1,1'-Biphenyl	330		2377735	AND THE PERSON NAMED IN CO.	49°-3 v	Total Section of the Control of the	.,				estate aspects
2-Chloronaphthalene	_330:					于 <u>企</u> 整法。					
2-Nitroaniline	830	CONTROL TO A		F	general person	and at any workednesses.	<del>alleli a</del> i an Mari		TOPERSON		TRANSPORT A
Dimethylphthalate	330		JE.		於"						22.00°
2,6-Dinitrotoluene	330	ACTION ACTIONS	ingager sowah	TORYNOON OF THE PROPERTY AND A	M14 = 5 1.	programme grant grant of the state of the st	PERSONAL TRANSPORTER	STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET,		programme and the second of th	270000 A
Acenaphthylene	330						逐				
3-Nitroaniline	830		أليل								

Page \_\_26\_\_ of \_\_49\_\_

ORIGINAL

Case #: 33178

SDG: C0021

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :	C0021		C0022		C0025		C0026		C0027	
Sampling Location:	SED1		SED2		SED5		SED6		SED7	
Field QC:	1				Į.				Dup. of C00	28
Matrix:	·Soil		Soil		Soil		Soil		Soil	
Units:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled:	11:25		11:45		09:50		09:35		08:50	
Dilution Factor :	1.0		0.98		0.99		0. <u>98</u>		0.99	
Semivolatile Compound CRC	L Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene 330		12.5		2		5.7	BALLIS	Ž.	AND THE PARTY OF THE	
2,4-Dinitrophenol 830										
4-Nitrophenol 830				100						24.7
Dibenzofuran 330		<u> </u>								
2,4-Dinitrotoluene 330				No.						
Diethylphthalate 330		1-2222		-			derdiction Colonianianiani		Service March and Strategic and	outside a
Fluorene 330			and the last	Ex.	The state of the s	建数	经验证	1		
4-Chlorophenyl-phenyl ether 330										***************************************
4-Nitroaniline 830		200				No.				ZZ.
4,6-Dinitro-2-methylphenol 830	ANT THE STATE OF THE PARTY OF THE STATE OF T	· Contraction (	SANTAL MENNEY MENNEY TO THE TOTAL MENNEY.	SAIS PORTY	of the fifth of the second of the second	STAN BOOKSTAN	agespressions aspects	State of the second	NOTES OF CHRONICAL SECTION AND AND AND AND AND AND AND AND AND AN	Construction of
N-Nitrosodiphenylamine 330							<b>TET 1</b>			
4-Bromophenyl-phenylether 330		-		ear orange		<b>1000</b> (100,475,47		and the second second second second second second second second second second second second second second seco		dulitinas pro-
Hexachlorobenzene 330										
Atrazine 330	TT 100000000000000000000000000000000000	New York Control	Salamina (Indiana) un 15	Service		ternougurser		**********************	College A my collection of a state of the form	L.K. deep
Pentachlorophenol 830				建建						
Phenanthrene 330		Carte Circums	SERVE LA CAPACITA S	i literatura	Same description of the same o	290,055,63	Manual entraction of the control of	10000000	THE CHAPTER SOUNDS	CASTRONY AND
Anthracene 3330				Ea.						25
Carbazole 330		3940.200	The season of the	STANKER.		84-20-25-5-	Encorate Manager	200 S200 A		Fortill Practice
Di-n-butylphthalate 330		2.3								题等
Fluoranthene 330		100000		- T	230	J	Part Control of the Control			GELPSKE.
Pyrené 3330		Car S	APPROVED	The same	260	ِ <u>ا</u>				JA 91
Butylbenzylphthalate 330		152732		ZZ IS	ESTITIVEES		KELESTIK SEC	Tarke.		
3,3'-Dichlorobenzidine 3330			<b>ni</b> (a. Cari	Ma						
Benzo(a)anthracene 330			and the second	T. Same	140	J	Trescaled to	TANKE TO S		BELETY
Chrysene 330	And Chen, principle functions are deferred as an	ii/\$	S2682.052/		ि ः ी190≩ <u>।</u>	J				
bis(2-Ethylhexyl)phthalate 330 Di-n-octylphthalate 330	500	1	570	Carrier C	550		380	J	600	#17.7
The same of the same states and the same states are same and the same states and the same same and the same same same same same same same sam	t lightations	Eb.		in in the second	ALL TURES.					
Benzo(b)fluoranthene 330	r ceast an	577.5		1875 E.	230 170	J	755 C. 200	A (9)		<u> </u>
Benzo(k)fluoranthene		is its	Belie at		34.05.170	J.		iivin.		\$2.50 \$2.50
Benzo(a)pyrene 330	1277			ST 1.1	MAKE THE					September 18
Indeno(1,2,3-cd)pyrene 330			Strate In	£.8						
Dibenzo(a,h)anthracene 330	STATE NOT		<b>কৃত্</b> লো, চাল চা	327	TENSO THE	-		- <del>1</del>	SELECTION C.	65.
Benzo(g,h,i)perylene 3330	自由学业和与		4. 4.	, i.e.	Sentin M. Hittery	477	A型:表型"五"专	J. W.		S.10

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_27\_\_ of \_\_49\_

Case #: 33178

SDG: C0021

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0028								_	
Sampling Location :		SED8					i				
Field QC:		Dup. of C002	27								i
Matrix:	1	Soil									
Units:		ug/Kg									
Date Sampled :		8/5/2004									
Time Sampled:		08:55									
Dilution Factor:	- 1	0.99									
	RQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
	330 🖈	54	:*ji!'	<b>建筑装</b> 。全	grow vi	THE NEWS		等。李燮的			
Phenol	330									1 Section of the second of the	
bis-(2-Chloroethyl) ether	330 🗐 .						17.E				
2-Chlorophenol	330										
2-Methylphenol	330										1000
	330										
and the contract of the contract to the contract of the contra	330	A refugi						AVERT			
	330	280	J	Carrier regress and security r	-			70 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May 10 May			
N-Nitroso-di-n-propylamine	330				***************************************		***				
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	330	STATES OF THE SECOND STATES	Grandwick.	Mark and the same of	19E3919.77		32707-11				THE PROPERTY AND ADDRESS OF THE PARTY.
A STATE OF THE PARTY OF THE PAR	<u>i</u> Lumnusii = =				#1						August 1
	330	ind minerantiffe field and and in	Electron of		283772	Section of the sectio	G. E	THUSTER TO \$50.000	NEWS CO.		77777
manager of the second s	330		230	¥.350£							
The same of the sa	330	La ver er er	(কুমান্ডাইন)	THE PERSON NAMED IN	enter en e		राष्ट्रयक	The state of the s	reneron.		25477.788
Charles and the second security of the second security of the second sec					257						
	330		राष्ट्रस्ट		igrati		MU.		कृतक <u>्ष</u> ्यक्ष		লক্ষ্যুন্ত ক্ষান্ত্ৰ
and the first that the same th	330				inic's	27.5039E	9877		2 - 13.3		
The same of the sa	330 3 <b>30</b>								935T	<b>对于对于</b> 基本的过去	<u>Pila</u>
to the same of the contract of the same of		M Pretr		San Tark Marine	<u> </u>	20 - PGR 1	Part Const	Takin Yifi.			\$30.00
and the second s	330 3 <b>30</b>			777EV	S.			DOTINE.	37.	WAR AND A STATE OF	X.
المسائلة المساسات واستنامه فالمسافات ما المستنسبين الأساسية المستنسبة المستنسبة المستنسبة الماسية الماسية	330		Sint of		- This		ARLL.	KUT.RAY			
- ······	330 4				es.				P. 10.5	200.5	Tek.
	330		عنكند	<b>国的发展等处</b> 的影响		low. Beingse.	LOCK	analyair,			Hear-
			20 3.2 20 3.2		要证				7.12.		
A D. C. MALL MA MA LANCE THE MALL MANAGEMENT OF THE PROPERTY OF THE PARTY OF	330	مند فالدون عالكية الأنافة	MENT LI	######################################	282.74	Maria Maria Come and the	jathick with the	Additional to the state of the	6811.46T-Q		ALENO
The state of the s	330 🛁						ZŽŽ.				25
The state of the second state of the second state of the second state of the second se	830	and the second	tte of the and he	zazyekkieni o ofe.	A42 W	المائنين سداده هما	Arm Maria	siamed telemosthican's	(a.e	richte der in Lander of the Late of States	Areso, with C
			\$10 S		<b>爱</b> 受						
And the state of t	330	المارس فالمطابق والمراسية والمارية		interpretarion (1966) 11 - 11 - 1	X.	me of all admittations.		i indian estiller um diazzañ in ber			Aut M. Jag Stoffer
A THE RESIDENCE OF THE PROPERTY OF THE PROPERT											
	830	-		erentement of the second	~~~	named to the Managhar Garden	and of the Control	nation of the Scholar County of the American School School	application to 15 again	magnitus (A. M. M. C. anna ya ya Mag. 19	
3-Nitroaniline 8	830	]									

OPICINAL

OPIGNA,

Case #: 33178

SDG: C0021

Site:

**NEW JERSEY FIREWORKS** 

Lab.:

CEIMIC

Sample Number :		C0028				<u> </u>					
Sampling Location :		SED8									
Field QC:		Dup. of C00	27								
Matrix:		Soil				ļ		ļ			
Units:		ug/Kg									
Date Sampled :		8/5/2004				Ì		i			
Time Sampled :		08:55						İ			
%Moisture :		27									
Dilution Factor :		0.99		,			•				
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	330				200		4	Service.		加速。沙克	
2,4-Dinitrophenol	830										
4-Nitrophenol	830				90				1.5	24-74	270
Dibenzofuran	330							İ			
2,4-Dinitrotoluene	_330≾	AND THE		I Bridge					Zenl'ar		產至
Diethylphthalate	330					Programme of the Principle of the Princi					
Fluorene	330₫			A COLUMN							
4-Chlorophenyl-phenyl ether	330	Conference and the conference of the conference									
4-Nitroaniline	<b>2 830</b> ≝.		STOR.			MARK MET					基边
4,6-Dinitro-2-methylphenol	830		Paris Marie Carlo	Programme with the service			· ·				
N-Nitrosodiphenylamine	330				.505.74 24.22.75				24		
4-Bromophenyl-phenylether	330	TOUR OF THE PROPERTY OF THE PR	30 Servery		**********						- SERVICE THE SERVICE
Hexachlorobenzene	330⊜		ĒĐ.	TANK E. S	<u> </u>						
Atrazine	330		*************************		and the same		purant SubStrategics (	TO THE RESIDENCE OF THE PARTY O	1987 17 500 1751		
Pentachlorophenol	830 -										
Phenanthrene	330		and the same	ONE POST CORP.	PER SERVICE	agiones sementes sem	(9752755	TO BE THE REAL PROPERTY.	25000000	Contract to the contract	TUTATION OF S
Anthracene	_330		44.5	<b>*</b>							
Carbazole	330	AND AND ASSESSMENT OF THE PARTY	SENTE.	THE WORLD IN THE	Shark and si		and the same of the	5-07 - 7-15 V	Sector City	HILDERT WITHOUT	<i>ጀመብ</i> ተው
Di-n-butylphthalate	330				SEE SE						
Fluoranthene	330	recent against see	<b>अ</b> क्टार	Waller Lawrence	1462.74T	रूप्पाटरक्याः इ.स.च्या	- Sections	7.79782898835773	BEETS.	AASSANTITUS	STREET,
Pyrene	330				San "				4570		SE
Butylbenzylphthalate	330	nefruste	<b>20</b> 277	त्रवासाम् स्टब्स्सः । स्टब्स्स	g <del>er</del> oo	rene dane.	- T-1	<i>राज्यसम्ब</i>	क्रस्टन्स	Berkell Control	(सन्दर्भः र
3,3'-Dichlorobenzidine	330			EEDT			M.L.		Section 5		
Benzo(a)anthracene	330	RILEGERETE TO	युक्ताचा	<b>ध्यम् र स्टब्स्ट १८</b> ५० म	30.7FE	रक्तु स्मारक्ष्युप्तः		2925	75	Breathreas	र <del>्ड</del> क्क
Chrysene	330	270	200		3. F						
bis(2-Ethylhexyl)phthalate	330 - 330 ∓	670	ŢŢ				THE S	€55423F8		PARTY 12 17 7	<i>ज्यान</i>
Di-n-octylphthalate.	ALTO CALIFORNIE		Sing.		9584		12550	Salaman Land	- Monar		
Benzo(b)fluoranthene	330	200000	<b>3</b> 3 2	75.00 F 10.00 - 1	٠,				357.32°		
Benzo(k)fluoranthene	330	He Lever 1			.2.T	KINE LETER		ereterti.			922. P
Benzo(a)pyrene	330 3 <b>30</b>		3. S		3.						-
Indeno(1,2,3-cd)pyrene	- ALVERT CARRENCE IN		32.DC	al Mile Mire	Minate		20AS				A220
Dibenzo(a,h)anthracene	330	Piale Boyes	3.000°	TREES.	. ** "		75.435	eningangt.	100 mm		TP NA
Benzo(g,h,i)perylene	⊼330	SERVICE CO.	Zd.F	ए अस्ति हेन्स्नेत्रिके		There's	respiration of the second	ASSESSED TO SEE	*****************	<b>为最为的关系</b>	ALCONOMIC TORSE

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Case #: 33178

SDG: C0032

NEW JERSEY FIREWORKS

Number of Water Samples: 2

Site: Lab.:

CEIMIC

Number of Soil Samples: 0

Sample Number :	C0032		C0041						l	_
Sampling Location :	SW4		SW14							
Field QC:			Field Blank		ł					
Matrix :	Water		Water							
Units:	ug/L		ug/L	•						
Date Sampled :	8/5/2004		8/5/2004							
Time Sampled :	10:20		10:50							
pH:	1.0		1.0		•		1			
Dilution Factor :	1.0		1.0							
Semivolatile Compound CRC	L Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde 10	S MALALL								22. A.	All Control
Phenol 10										
bis-(2-Chloroethyl) ether			200	7		3				
2-Chlorophenol 10										
' 2-Methylphenol			din Li.							
2,2'-oxybis(1-Chloropropane) 10			,							
Acetophenone 10						CAT		12. T		
4-Methylphenol 10						<b></b>				
N-Nitroso-di-n-propylamine 10	2 35 SEC. 1			ery. Laci						
Hexachloroethane 10			page manageran and		ar yene are compart various		SC commission to Commission to the		ones mueroranes s	
Nitrobenzene 10	TELLES.			San San					MOTHO.	
Isophorone 10		THE RESERVE A	specific value of the County o	windy and and are	NAMES AND STREET STREET, STREE			Transport Transport No. 1, 2 or		
2-Nitrophenol 10										
2,4-Dimethylphenol 10	one of the contract of the con	January Lands and		La capput voices w	William To Wall Co. Land Co. Land Co. Co. Co. Co. Co. Co. Co. Co. Co. Co.					
bis(2-Chloroethoxy)methane 10	B Service									
2,4-Dichlorophenol 10	COR MERCANE ACCOUNTS	: married and	geformanter touche de nédembours du m	inninke to me	aneti nelari mammer aesa	NAME OF THE OWNER.	Mentings Citalizes - Secretary, is	36000000000000000000000000000000000000	COMMERCIAL CONTRACTOR OF STATE	Aug Promise Tree to
Naphthalene 10			<b>EATIUM</b>	3000 V	se Zalibbate					
4-Chloroaniline 10	100 - 100 m rent 2 cm - 100 m r	5 27 10 A C 12 A	رزين ميونيدهم سندويهو	<b>3000</b> **********************************	nganggawangarang nagawan ayaa ay na maas		CALCONING TO SHARE THE SECOND STATE OF THE SEC	14-4017L2m	Microscopionista, valuari dei armini	
Hexachlorobutadiene 10	i della	101								
Caprolactam 10	· il seriorator avignisi		Alam Alis Spinstermann			COUNTY HOUSE AL.	Security of the same sections.		managers, are stylenowsky was	
4-Chloro-3-methylphenol 10	e venier i		artituda (L. F							
2-Methylnaphthalene 10				yang man	accompanyments against	error error.	Military and an analysis of the second	-gway.jmj-	grouppyman make it is a	
Hexachlorocyclopentadiene 2002										
2,4,6-Trichlorophenol 10					gane _manga_antonant_aggs_s .	- of the state of	i <b>a magalogi</b> y bagis a a tan' y mana ya amazin		manager of the second	
2,4,5-Trichlorophenol 25		- C	المارية المتعملية			ėF.,				
1,1'-Biphenyl 10			M	मञ्जूल , ग		eandries / ∼		secons.	Simolofiak (Classes ser	
2-Chloronaphthalene 10			134	1.4		B.				Ş i i
2-Nitroaniline 25	62 (0.25.1) (1.25.1) (1.25.1) (1.25.1)			جد بعو	المائية فالمنشخ للساء للمائية الم	garjanage.	Calling and the statement of	mana ara ara	22.07.00000 3	, ,
Dimethylphthalate 10						g., .				22
2,6-Dinitrotoluene 10	s (autolocialismos susse-		~·		communicated control to the control of the control	C 94 F 208	AND THE PROPERTY OF THE PARTY OF	د برد را معجوي	National S.	N. #
Acenaphthylene 10			Ben dala	E						
3-Nitroaniline 25	1			<u> </u>						



Page \_\_30\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0032

NEW JERSEY FIREWORKS

Sité : Lab. :

CEIMIC

Sample Number :		C0032		C0041							
Sampling Location :		SW4		SW14		ł					
Field QC:				Field Blank							
Matrix:		Water		Water							
Units:		ug/L		ug/L		1	1				
Date Sampled :		8/5/2004		8/5/2004							
Time Sampled :		10:20		10:50							
pH:	,	1.0		1.0							
Dilution Factor :		1.0		1.0							
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	10-*	147.9	india haze-						LE YES		
2,4-Dinitrophenol	25			The Contract of the Contract o		all the same and t					
4-Nitrophenol	25	ezbijt -					Ė		on Ar		
Dibenzofuran	10						-		TO ASSESSED VALUE OF		
2,4-Dinitrotoluene	∞10				7779 148						
Diethylphthalate	10	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		19	<u></u>				****		
Fluorene -	:≥.10				تنظف		25				
4-Chlorophenyl-phenyl ether	10	CONTRACTOR OF THE STATE OF THE	auditi. Staidment et	Andrew Street Control of the Control	· Aprop. at residence in	***					
4-Nitroaniline	_ 25.∵								# 4		
4,6-Dinitro-2-methylphenol	25	anica Karaha in manadhábara.	an and the	amentagia unaugmy sprinss,		magamanistration or expressional enterprise		***	·		-
N-Nitrosodiphenylamine	10										
4-Bromophenyl-phenylether	10	Transcriptorium transcriptorium communication communication communication communication communication communica	1271007140		**********		TO ANGEL AND THE SECOND		and the same of th		Creeze Consumer to the
*Hexachlorobenzene	10					*1.000	2.5				
Atrazine	10	Later short confirmation of Color is a	. بردن د ستعضاد	المراجعة والمراجعة والمراجعة والمراجعة	- Sighermed - Town	rijinan i proj rojenska nojejar ingonis				78077700	
*Pentachlorophenol	_`25.`	到、亚巴			يت ن						E SE
Phenanthrene	10	enner memberer:	MERCATE	naman parmananan angkara.	Strickenter .	77 94 40 343 43 43 45			Pemerajua.	TO A TO A DE SANTO DE SONO A POR CONTRA DE SONO A POR CONTRA DE SONO A POR CONTRA DE SONO A POR CONTRA DE SONO	Principal School
Anthracene	10									基件表	
Carbazole	10	SCANNEL CONTRACT	A SECTION AND A	and and and and and and and and and and	Manus Times		اعته خدادها	(NEWS NICHE NOT - 10 / 1	בייערישייט:	7288788872777774	transas as es
Di-n-butylphthalate	10			ene .			10 mm.	rizer.	(2.80)		
Fluoranthene	10	ুমুন্ত হাৰ্ক সংগ্ৰ	व्यक्तरा ।		·			ESSETATION TO THE	74 T-57	- Company of the Comp	DEDMEDS OF
Pyrene	10	Firm									
Butylbenzylphthalate	10	OF MARKET TO THE	ಪ್ರವೇಶನಿಕ್ಕಾಗಿ	the standard of the	majar mi	And the second			tertin som		PARTE TO THE
3,3'-Dichlorobenzidine	10		TE.						10000		
Benzo(a)anthracene	10	7537 - A.O.	Week.	মহার গে সভার <sub>ে</sub>	and or me	Grainsandskalskalskalskalskalskalskalskalskalskal	ara <del>er</del> ar	CONTRACT NO.	Argan, var	rapertieral	F3877
Chrysene	<u>⊬</u> .10 ≈						4.5				ary
bis(2-Ethylhexyl)phthalate	10	<del>Malanasi</del> as	NEW T	विकास स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन	ifa mana i	ENTRY POPELLY.		navita abita	No. Care	State Court And Call	
Di-n-octylphthalate	10				74.		N. E.	All Control of the Co	al in		X-37
Benzo(b)fluoranthene	10 10:::	\$0.05\d	<b>35</b> 1.53-		× , ,	of 15 minutes and second second			1790 1299 331 SA		<b>杨紫</b> 海水
Benzo(k)fluoranthene	4.4.			المسا			555 (Aug.	4114	Kindé	The way in the	
Benzo(a)pyrene	10 10		Ş	agginarie.		(Total Essay)	Wat No.				
Indeno(1;2,3-cd)pyrene	AND THE REAL PROPERTY.		BLL.							MERICE OF	
Dibenzo(a,h)anthracene	10	الدوسينكين		ATT I		e grant de agent. Notation de la company	ga, w	Difference 3.	ACT.		3 <u>57</u> 75
Benzo(g,h,i)perylene	103.	mings of			لـــــا	14 (14 (14 (14 (14 (14 (14 (14 (14 (14 (	· (*, · ·	MESSE ST		単語 大学 学生	# H

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Revised 09/99

Chial

Page \_\_31\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0038

NEW JERSEY FIREWORKS

Number of Soil Samples: 0

Site: Lab.:

CEIMIC

Number of Water Samples: 18

Sample Number :	C0029		C0030		C0031		C0033		C0034	
Sampling Location :	SW1		SW2		SW3		SW5		SW6	
Matrix:	Water		Water		Water		Water		Water	
Units:	ug/L		ug/L		ug/L		ug/L		ug/L	i
Date Sampled :	8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :	11:20		11:40		11:15		09:45		09:30	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde 10				\$4.00 m	dir. Shi		E. J. T. Y	init	ROLLING.	Party.
Phenol 10			-		and the second s	- mangan sub-resignation comm		**************************************	2 22 Tel Telling 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
bis-(2-Chloroethyl) ether		TPL.				- 1				
2-Chlorophenol 10			Capendaria et empleanem		angument annual agricultural to Margari				ANDRONE MA PROPERTY OF A -	l I
2-Methylphenol	ration:			Z		ii i				
2,2'-oxybis(1-Chloropropane) 10			Andrew and the first of the second state of		the second or a second or					
Acetophenone: 10				And the second					In Maria	257. 257. 22.41
4-Methylphenol 10			Andreas Scarles and afficial a					***		
N-Nitroso-di-n-propylamine 10							<b>1</b> 13			
Hexachloroethane 10		STATE STATE AND ADDRESS OF THE PARTY OF THE						-		
Nitrobenzene 10										
Isophorone · 10			comment of the state of the sta		marana o ocupara de como e e e e e e e e e e e e e e e e e e	Lamana Carrier	COMPANY CONTRACTOR CON	China a C	70.4-10.40	
2-Nitrophenol 10								2.3		
2,4-Dimethylphenol 10	Name of the Control o			STORY OF ALL		Landers es sementen	- management of the second		MANAGEM AND STREET, SALES SALE	
bis(2-Chloroethoxy)methane 10		10-1		ALC:						
2,4-Dichlorophenol 10	A STANSON MANAGEMENT AND AND AND AND AND AND AND AND AND AND	PROCESSOR NO.		2000000 Augus A	TOTAL AND ADDRESS OF THE PARTY	Commonstration to		VI. at la at more sure of	Market and a second	
Naphthalene 10				亞漢						
4-Chloroaniline 10	Property and American Company and the Company		ng appgenter that the pagents of the new room,		**	-		TANKS TI A TIME I MAY	LATE AND A MANAGEMENT CO.	
Hexachlorobutadiene 10	344			2.						
Caprolactam 10			and the second second		AND THE RESERVE OF THE PERSON NAMED IN CO.	*****				l
4-Chloro-3-methylphenol 10-						Mi				
2-Methylnaphthalene 10				and of more		4:4:	- Additional constitution of the constitution of the	Constitution of	STREET TO STREET, STREET	.,,
Hexachlorocyclopentadiene 10				la:Z						
2,4,6-Trichlorophenol 10			iaement" eksinteene e			F249779.7			- State - California productive con-	
2,4,5-Trichlorophenol		357		Service Service						
1,1'-Biphenyl 10	Transport of the second	-	www.cirium.circo.com	, I	again anang ng ngaman	1-5-	eligibility of the party of the		والمراجع والمعارض والمعارض والمعارض والمراجع	]
2-Chloronaphthalene. 10	E4.354.			50.3						A57 - 1
2-Nitroaniline 25	,		manuscon, menega jaman 12.	rgy cosps	man operation to a memorial		THE RESIDENCE OF THE PARTY OF T		menderental section	2455.
Dimethylphthalate 10			. I	प्रमाण्डल ज			2922	Ţ <b>ĸ</b> Ţ.		€,6,°
2,6-Dinitrotoluene 10	Makalanan matamatan kacamata	merier sitter v. m.	gen vyth to the	w-xy	و معرب چمسیریسیریسی پر میارد				tiggiges personner og sk	ļ., }
Acenaphthylene 10		7.7.	ALLES A	77. 1.						
3-Nitroaniline 25	l l									

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Case #: 33178

SDG: C0038

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0029		C0030		C0031	-	C0033	_	C0034	
Sampling Location :		SW1		SW2		SW3		SW5		SW6	
Matrix :		Water		Water		Water		Water		Water	
Units:	4	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :		11:20		11:40		11:15		09:45		09:30	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	10			44.02.06 LT.		APPLY TO A	inid in				11.50
2,4-Dinitrophenol	25				I						
4-Nitrophenol	25			104-10 E			AND THE		11.5		
Dibenzofuran	10										
2,4-Dinitrotoluene	<b>10</b>	#5.32°							2.3	泛統建立	
Diethylphthalate	10			propriations of the second contract of		Maria de constitución de la compansión de compansión de constitución de consti	i				
Fluorene	10 -		440	A. Haria							
4-Chlorophenyl-phenyl ether	10			ANAMAS IN TANKS IN THE REAL PROPERTY IN THE REAL PR			************				
.4-Nitroaniline	≥25								A.E.		
4,6-Dinitro-2-methylphenol	25										
N-Nitrosodiphenylamine	10		25.7		2.3		26.70				E
4-Bromophenyl-phenylether	10	THE STREET STREET STREET STREET		Sales (St. passiversides Strong State and Local Strong St. 10 or 1	and the same of th	katrangan pengangan pangangan	-	CONTRACTOR OF THE PROPERTY OF THE PARTY OF	Man and the second	The same of the sa	
*Hexachlorobenzene	10		35923		izzi						題.
Atrazine	10	The same and the s	and the same of th	constant	Contact Contact and						
*Pentachlorophenol	25				1						
Phenanthrene	10	Transcript of the second of the second	Mr	AND THE REST OF THE PERSON AS A		METATE AN APPEARS A NAME					Name and
Anthracene	10.						4.5				
Carbazole	10			HERESESTITIONS 1.77	articles (see	one object to the control of the con	**************************************		and the second of the	Open persent and a large of the	anner como no a
Di-n-butylphthalate	∖ 10≿										
Fluoranthene	10	CONTRACTOR OF THE PARTY OF THE	المعتدة المعتدة	arrangerer er en en en en	**************************************		Marchanic		and the second	TERRO DE PARA DE LA CONTRATA DEL CONTRATA DE LA CONTRATA DEL CONTRATA DE LA CONTRATA DEL CONTRATA DE LA CONTRATA DEL CONTRATA DE LA CONTRATA	ace e
Pyrene	10		3007 2007							<b>5</b>	
Butylbenzylphthalate	10					ANTHORNE PROTECTS	gergere-				
3,3-Dichlorobenzidine	10		ŠĖ				Z.E.				
Benzo(a)anthracene	10	270-7 EEG-7 *********	CARE TO	agrandores en en en	A KTIMALILI	harmannos ar oa occinco i	DTOLT OF		inggreen was i		range outer
Chrysene	10	Section .		EVENT	27. * T						
bis(2-Ethylhexyl)phthalate	10	ا سنده دو ادار در در در در در در در در در در در در در	- Alexander	meterno e contra a contra de la contra del la contra del la contra del la contra de la contra del la contra de la contra de la contra del la contr	orman i		T OFFERST	lander of the state of the stat	duberome or		STEL GYZ
Di-n-octylphthalate	10%		100								
Benzo(b)fluoranthene	10	7.78 1.32 V			771.117	أعضا أوأشيط ووالأشتاء	د تعصفت	AND STREET, THE PROPERTY.	2000	MATERIAL CONTROL	3.316. 1
Benzo(k)fluoranthene	10	Men.		Sign.							1 1 m
Benzo(a)pyrene	10			indianalism (1)	5	e Ngjagorago njaganoa m	myest t	ENGRA SERVENTE POR PORTO DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR	227712F	Market Control	,
Indeno(1,2,3-cd)pyrene	. 10		Šaid.		8		15 7 T				
Dibenzo(a,h)anthracene	10	militaria de la propria de la constanta de la	Addition .	esee jig vi vi		, general in a	المجارة كالمصامقات	nameder of Collaboration	سباهه والمادات	Regularization of the second	yanga (i
Benzo(g,h,i)perylene	₹ 10.					t of the		国本的基本 4.			γ 2 <sub>1</sub> ,

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Page \_\_33\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0038

Site : Lab. : NEW JERSEY FIREWORKS

CEIMIC

Sample Number :		C0035		C0036		C0037		C0039		C0042	
Sampling Location :		SW7		SW8		SW9		SW12		MW1	
Field QC:		Dup of C00	36	Dup. of C00	035			Field Blank		[	
Matrix :		Water		Water		Water		Water		Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/4/2004		8/4/2004	
Time Sampled :	•	08:35		08:40		10:30		12:15		10:30	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	, €1.10 <sup>2</sup>	Margary.		5021.WH	最為					EXERCISE :	£-20
Phenol	10	Empresonant comment comment and the Sec.	401000000000000	i gapina Mang, aya in in ing ngapananganapanan man, yi		manufacturing of distance - characters consumity on a			AMERICAN		
bis-(2-Chloroethyl) ether	. 10										
2-Chlorophenol	10			Maritan physics of the Spring Street and		***					<u></u>
2-Methylphenol	10										ELA
2,2'-oxybis(1-Chloropropane)	10		444 <del>44</del> 4		<del></del>	*************	**************************************				
Acetophenone	5.10				æi.						7
4-Methylphenol	10	Carrier of Arrest Statement, suffer	Translation and the				i province de la composition d		Marketon and American		
N-Nitroso-di-n-propylamine	₹ 10%							<b>91.0.4</b>			300
Hexachloroethane	10		97777	ATTENNIA STREET		المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية	7594	Cartification Contraction	Name of the second		- <del> </del>
Nitrobenzene	10		11.	3.7.75	53						
Isophorone	10	difference in the second secon		alerate de la companion	-	Production of Scientific Co. T	7000000000		Marines Services		
2-Nitrophenol	₹ 10 -				āl.						
2,4-Dimethylphenol	10	Charles Sharkering or The American	4-417-3-5-	and the second of the second o	and property.	Company of the control of the contro	ng gangtagaw	Property and the second	escativate en en		
bis(2-Chloroethoxy)methane	10 ↔					Karene	1.02				
2,4-Dichlorophenol	10	un articiolististos defisita.	/a5;-	end altamore descripti	Mark Liver	<b>71</b> -11-22-32-3	58500,75500	and the second	CYTESTICS .	ore and record or	- SENIO CONTRAC
Naphthalene	10,		€.(C)						3 E 7 A		
4-Chloroaniline	10			TETRANCIAN ATTE	work upon	TAX AND SOUTH OF	articum		intellumentendo.	ALTER MEASURE OF	
Hexachlorobutadiene	10	T.	A		FACE.					<b>被罚款</b>	基验
Caprolactam	10	Sales To And Laboratory Section 1		regregate symbolica (12)	The second		2747084		CONTRACTOR OF STREET	and the second s	Marketon of
4-Chloro-3-methylphenol	10						75.5				
2-Methylnaphthalene	10		*****	CANADA SE OLI	marine, a reporte		engarana.	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	170708:71	CONTROL CONTROL CONTROL	maner et sor
Hexachlorocyclopentadiene	10,7							99.65 × 12.55		27 P. (E. S.)	
2,4,6-Trichlorophenol	10	Company of the Con-	enguarier :	entral arte and a	70.5 1	Tarimo de como el		TO LET THE TOTAL OF	izurarenge:	ATTENDED	rene co
2,4,5-Trichlorophenol	25										
1,1'-Biphenyl	10	ত্রতার ব্যবহার নাম		international continuity	₹50°	יייקייקט די מי <b>ינשי</b> '	VEETT*	1000 TO 1000	750 Test	477 J. J. J. J. J. J. J. J. J. J. J. J. J.	5725777
2-Chloronaphthalene	10		Trans.		1000						
2-Nitroaniline	25	ALEXECUTE OF THE	¥-1-1-1		75.	(1 111 VILI790/80/8/104	[18]5 (1975)	SERVE OF THE	18552.2. T	or. Tarragalanda	T. J. 2027
Dimethylphthalate	10				1						
2,6-Dinitrotoluene	10	Section of the second	***************************************	uta (17. j. j. j. j. j. j. j. j. j. j. j. j. j.	200	مامانات والمحافظة	at Farmer.	mitti chattalia si kea s	اد سینچه	grange value in vi	137 <sub>4</sub> 85
Acenaphthylene	10						3		ETG.		
3-Nitroaniline	25								L		

Case #: 33178

SDG: C0038

Site:

**NEW JERSEY FIREWORKS** 

Lab.:

CEIMIC

Sample Number :		C0035		C0036		C0037		C0039		C0042	
Sampling Location :		SW7		SW8		SW9		SW12		MW1	
Field QC:		Dup. od C0	036	Dup. of C00	35			Field Blank			
Matrix:		Water		Water		Water		Water		Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/4/2004		8/4/2004	
Time Sampled :		08:35		08:40		10:30		12:15		10:30	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	<u>_</u> ,10.		A STAN				nsc (	4 L L L L L	a F		
2,4-Dinitrophenol	25		l	. •	l						
4-Nitrophenol	₹ 25 %								San Age	差别多数	
Dibenzofuran	10						•				
2,4-Dinitrotoluene	<u>,</u> 10				Carrier Contraction		建造	A TOTAL			
Diethylphthalate	10			-				7	J		
Fluorene	10			Marine Age 7						<b>X</b>	
4-Chlorophenyl-phenyl ether	· 10					,					
4-Nitroaniline	25				7	医外壳病		A street and a street of the			
4,6-Dinitro-2-methylphenol	25	Andrews Mr. Anne Anne Control of the Control									
N-Nitrosodiphenylamine	10		2.44 2.44								
4-Bromophenyl-phenylether	10				<u> </u>			·			l
*Hexachlorobenzene	10								diam'r.		ZA
Atrazine	10										
*Pentachlorophenol	25			ALVEC.							Marx.
Phenanthrene	10										
Anthracene	<u>.</u> 10,										
Carbazole	10	Management was a superior and the									
Di-n-butylphthalate	10			5.	J.						
Fluoranthene	10		Minima in	Cidental conductor Service Transport of the Conduction of the Cond	and the same of th		The history		Pagas	Andrea across a destruction at 100° de.	
Pyrene	_ 10%						差型				
Butylbenzylphthalate	10		,	STREETINGS OF THE SERVICE STREETINGS AS A	and the same	S designations, such as an embergation		processing marry accompanies	-Primercond-gray 1		
3,3'-Dichlorobenzidine	∵ 10⊊		32								ne.
Benzo(a)anthracene	10			TOTAL PROPERTY CAME IN EAST		Separate Control of the	OMERSON CORN.				
Chrysene	10:	A some in					and a				\$2000 10000
bis(2-Ethylhexyl)phthalate	10	Amilionist setting and small and	ernin e	parter of the control of	eminut.	rapido y formado hendirimido e	ramatan.	And the second second	CONTRACTOR	Manual Assessment	eg tyre
Di-n-octylphthalate	∖չ 10⊹							124022			929
Benzo(b)fluoranthene	10	MANAGEMENT OF THE TRANSPORT	alabasin v	ringe goldsjervinne, i e	ye yerme y	gentlement in suppositioning	terati eta -1	land second persons	STATE OF THE STATE	MINISTER STREET, CO. C. C. C.	
Benzo(k)fluoranthene	10:								TTT.		
Benzo(a)pyrene	10	وغر ديستگارمظاره		gergerne st		Name of the second of	oggene i.	Tour a harithm of admittable o	appra A	Lagragian in the company	
Indeno(1,2,3-cd)pyrene	10 _										* 44 / 9 / 1 : 5 / 1 :
Dibenzo(a,h)anthracene	10	·	ر حوص	gennag promptes to the trans		an maka sa ing magan kanasan s	Name of	(management groupement and process	-New York, per	came or or or or or or or	
Benzo(g,h,i)perylene	-, 10.		\$ 7				DEA.	train King Space		<b>第</b> 五字等	

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Revised 09/99

Page \_\_35\_\_ of \_\_49\_\_

ON COMM

Case #: 33178

SDG: C0038

Site : Lab. : NEW JERSEY FIREWORKS

CEIMIC

Sample Number :		C0043		C0044		C0045		C0046		C0047	
Sampling Location :		MW1A		MW2		MW3		MW3A		MW4	
Field QC:						Dup. of C00	)52			1	
Matrix :		Water		Water		Water		Water		Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/4/2004		8/4/2004		8/4/2004		8/4/2004		8/4/2004	
Time Sampled :		11:10		12:20		13:25		14:00		10:45	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	<b>10</b>								34. 31 34. 31	THE TOTAL	
Phenol	10					6	J				
bis-(2-Chloroethyl) ether	.10										
2-Chlorophenol	10										
2-Methylphenol	_10:√	arl Jack						emies.			劉弘
2,2'-oxybis(1-Chloropropane)	10	the transfer of the transfer		and the state of t				TAPPE SE BOULES			
Acetophenone	10	4			Section 1		52.7 av.		Mintered .		
4-Methylphenol	10		Citation and surely an		L CERTAIN THE PROPERTY OF THE	THE PERSON NAMED OF THE PE					
N-Nitroso-di-n-propylamine	10		N. Ya					12.35		S	22.5
Hexachloroethane	10			manifecture management and an arrangement and							<u> </u>
Nitrobenzene	10			医多性溢	1 -11 -12 -12 -12 -12 -12 -12 -12 -12 -1		9	M. 274749			
Isophorone	10										
2-Nitrophenol	10 1										
2,4-Dimethylphenol	10	ong naggagagajingga gironnangalay, ay asawa	- madermanner na na	Company of the state of the sta	-market remove	Trends the color and transports and the color	L) MAGE, MEROPHORIA	Company and a second artists of the second a	· · · · · · · · · · · · · · · · · · ·		
bis(2-Chloroethoxy)methane	10		至之						112		
2,4-Dichlorophenol	10	Mulhamanian Lofan. 1			TAKET NET			THE SEASON OF STREET	,	TRATEGORIST (D. W. L.)	A PROSPERATOR AND THE PARTY.
Naphthalene	10				27		213				
4-Chloroaniline	10	nenematic and comments	seeme man		TANKEN PROFESSION .	Specification and Specification of Automotive	STREET LANDS	entranscondente actual and in the f	· Demogram	THE TANKS OF SOLE AND BUILDING AND	60000 horas - 10
Hexachlorobutadiene	∌ 10 %					X 24 - 1 4 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
Caprolactam	10	militar considerate della cons		<b>*</b>	·	<b>***</b>			Charles hires		Other Committee of Com-
4-Chloro-3-methylphenol	10-		الناققة		F (5)						
2-Methylnaphthalene	10	ا دانت شد شدار شدار شدار از از از از از از از از از از از از از	22.		T H T	and American		R SATING MARKET	- Starmer	THE THE PERSON NAMED IN	TYPE SERVICES
Hexachlorocyclopentadiene	10										
2,4,6-Trichlorophenol	10		: + 25 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0		323347	December of the second	n arthadan		Carteletecanic v.		ann jeungene
2,4,5-Trichlorophenol	25				24	Z.a.f.l		<b>E</b> LEDED	F.A.		
1,1'-Biphenyl	10	<b>ಕ್ಷಾ</b> ಗ್ರವರ್ಷಕರ	544.5-	Territoria.	ಷ <i>್ಣಾ</i> .ಸ.ಶ	الأشاء السامانية الانتقاء م	Manharinett.	المدادة والمستعددة والمالك	(Markins	Below nie w web Edmon.	(S) CANONIC
2-Chloronaphthalene	10 <sub>c</sub>						il str		33.	1444	
2-Nitroaniline	25	المشحكات ووطاء المالاحسان	. حديث كلاية	ما ما المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية		National Residence of the Control of	-erena.	Andrew Constitution of the State of the Stat	מאסת חוד ה	TOTAL CONTINUES OF A CO	122917
Dimethylphthalate	10	ilan-um	and the		Miles M	Y DESIGNATION OF THE PROPERTY					gyn. Agu
2,6-Dinitrotoluene	10	<del>~~~~</del>	San America	werengangang ou	ve,	man read governs st	Carreton		Schleichen, beit.	Calculation of the second of the	ا م دو دوستان
Acenaphthylene-	10.			Marie Aller	\$\$., * ,.\$.						
3-Nitroaniline	25						L				

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OFIGNAL

Case #: 33178

SDG: C0038

Site:

**NEW JERSEY FIREWORKS** 

Lab.:

CEIMIC

Sample Number :		C0043		C0044		C0045		C0046	-	C0047	
Sampling Location :		MW1A		MW2		мwз		MW3A		MW4	
Field QC:		ŀ				Dup. od C00	052				
Matrix:		Water		Water		Water		Water		Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/4/2004		8/4/2004		8/4/2004		8/4/2004		8/4/2004	1
-Time Sampled :		11:10		12:20		13:25	`	14:00		10:45	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	10								Tri.		
2,4-Dinitrophenol	25					Control of the Contro			CONCOCCOMMON		
4-Nitrophenol	25			182 X			14 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2
Dibenzofuran	10					***************************************		,			
2;4-Dinitrotoluene	10%					#Ears:	医量			all lines	
Diethylphthalate	10	and or species reduces and areas.	gen warmen on		and making feet.	,	**********		magazarra magazar	1	В
Fluorene	10										
4-Chlorophenyl-phenyl ether	10			indicate and the second of the second		Story County - Talesto March School School School			-	SHERING WAY I'VE TO THE PROPERTY OF THE PART	
4-Nitroaniline	25			235 F							
4,6-Dinitro-2-methylphenol	25	White it and a second of the first	CONTRACTOR AND A	poppy were an extra contract of	almitaka sa	amora suggestation state and or an expense of	the second	e Mangaga ang gani ng Pagaman an ang pang sa pang pang sa	and the second second	Market Comment of the second s	attous course
N-Nitrosodiphenylamine	10										
4-Bromophenyl-phenylether	10	Tomore continues and a	PM 1987 (6 1972)	Carles out of Table and the Control of the Control	et armene	Technology, Conference Associa	COMMUNICATION A		La VICE darbos descri	AND DESCRIPTION OF A STREET OF THE PERSON OF	
*Hexachlorobenzene	10										
Atrazine	10		odernia Sarekaira	I spragosaga ang sanganag santan say sa		Andrew of the Control	and the sections of		Lancing and representation		-maren-
*Pentachlorophenol	25										
Phenanthrene	10		#7877F7	Hallander i Samery and Grammer, Stope of the	استيمار رحمو	ener, automora valganes en				mana sa ma	
Anthracene	10 🕆		<u> </u>					<b>经长行</b>			1
Carbazole	10	haringa yang mengang mengalik	TWO SECTIONS I	ranganing and the fire	::::::::::::::::::::::::::::::::::::::	roger serverapuscosperii:	2000 CT-7-V:	THE SECTION SECTION SECTION	25.00 TO THE RESERVE	CHARLES THE SECOND OF THE PARKS.	lace !
Di-n-butylphthalate	10						75.75			are of	
Fluoranthene	10		100000000000000000000000000000000000000		na awan wa		200802000000	-poyant reconstruction	COMME CONTRACT	Pita, Milma Synchicarus; Norwey	
Pyrene	10			indi n		建基基金					
Butylbenzylphthalate	10		THE VICTOR OF THE STREET	PROPERTY AND THE STATE OF THE S	oran mari	and stands and stands			ingerent rot no i	egenzo, meskepegemonioni	
3,3'-Dichlorobenzidine	10-		1.Ex						252	real real	
Benzo(a)anthracene	10	المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية	arer areas	ingeninga ingana a	Property and the	er a regardence i	1774 1775 1776 1775 1776 1776 1776			Property Reservation	اينا
Chrysene	: 10										*
bis(2-Ethylhexyl)phthalate	10	2	J	indumination on the	~7:	4	J	The second section of the second seco	W. C	स्त्राच्यासुरा प्रभूष स्था र -	
Di-n-octylphthalate	<u></u>	色色色								in ala	
Benzo(b)fluoranthene	10	TO THE STREET OF	22072		<u> </u>	ara evene-protei	in linding		2007XXXX	27868870 201 FC	
Benzo(k)fluoranthene	10				15/3 15/3				建築	Ziadile)	-
Benzo(a)pyrene	10	andries and a	SE	Sandanine Service		والمراجع المراجع المراجع المراجع	gravery ru	agegrama participee (	wyow.	المعاورة والمتحدد	J
Indeno(1,2,3-cd)pyrene	10.						Angled it.				·
Dibenzo(a,h)anthracene	10	albimilarkin bir akırı		esperator (eq. )		ay ya siyasin da	يحسي	عبية براوه بدا محملة	3864EA	ineggypegerming copy.	
Benzo(g,h,i)perylene	· 3 -10 :			er, A	,				12.7		

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Page \_\_37\_\_ of \_\_49\_\_

OFIGINAL

Case #: 33178

SDG: C0038

Site : Lab. : NEW JERSEY FIREWORKS

CEIMIC

Sample Number :		C0049		C0051		C0052					•
Sampling Location :		PW5		GW2		GW3					
Field QC:				·		Dup. of C00	)45			Ì	
Matrix:		Water		Water		Water		ļ			
Units :		ug/L		ug/L		ug/L					
Date Sampled :		8/3/2004		8/4/2004		8/4/2004					
Time Sampled :		11:40		09:00		13:25		·			
Dilution Factor :		1.0		1.0		1.0					
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	3. 10 ·						\$ 5°	Elektry.			ANK.
Phenol	10	Distriction of the contract of		Samuel Control of the		4	J				i
bis-(2-Chloroethyl) ether	107			Victory.	200		gar-4. 2"			<b>基本</b> (22)	
2-Chlorophenol	10				,	,					
2-Methylphenol	10				26,	<b>Mind</b>					
2,2'-oxybis(1-Chloropropane)	10										
Acetophenone	10		2,2,2,	4			SF		i. La		
4-Methylphenol	10			And water paging to the page of the page o		and the graph of the second second			<u></u>		
N-Nitroso-di-n-propylamine	10						题语		2		
Hexachloroethane	10										
Nitrobenzene	10						10 m		il e	Miris	
Isophorone	10	manife comment constant		STREETING AND A STREET							<u> </u>
2-Nitrophenol:	10	2007				至 13					
2,4-Dimethylphenol	10		and the second	Reference Colors Sections		MARKET TOTAL					
bis(2-Chloroethoxy)methane	10#		inche.								
2,4-Dichlorophenol	10	#20/V TN 20/78/20	progret	EDVICTOR NUMBER OF	r Heradoctivi		30.000, N.200	TES TRANSPORTER	*******	emanyemen menerika	a company on the second
_Naphthalene	3°10.	<u> </u>			territi.		T.C.		7763) 2202		
4-Chloroaniline	10	no establishment de la company	SETERAL PROPERTY.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	AND AND AND AND AND AND AND AND AND AND	SANATATOTOTO POSICIONA	900000000		Madhari (1990)	EDMIC GETTS TO BEAUTIFE	esaus, a
Hexachlorobutadiene	105		ÆE		WE.						
Caprolactam	10			Consultation	**************************************	Santana Landa da	2897.T	an establication where it		CONSIDE SUITE	1387 TV 40
4-Chloro-3-methylphenol	10								<u>1889</u>	MERCE	第2分 第2分
2-Methylnaphthalene	10	WILL TOUR A SERVICE		THE PROPERTY				angenese er es	F271856	\$180 mg kg	(St.Hoje44)
Hexachlorocyclopentadiene	.10				AX.		医症		<b>L</b> ette		
2,4,6-Trichlorophenol	10	THE STREET	77975 X		T. J. T.	100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St. 100 St	अक्टाक पर	্ <b>র</b> া, বুলাফ কর্মঞ্চ	25. J.	स्यात्रम् राष्ट्र	er Gertor
2,4,5-Trichlorophenol	25				12.2			Arrae :		egines.	
1,1'-Biphenyl	10		Series.				25855T		W. 1997	Secure of the	944 L
2-Chloronaphthalene	10,								Elis		
2-Nitroaniline	25	(सम्बद्धारणस्य १५)			المائد		- TOPE -		guzari.		<i>a</i>
Dimethylphthalate.	10				Sec.			L'ALAGA.		War Links	€
2,6-Dinitrotoluene	10	iliterate to the said	acount Butter		gry .m.		***********		\$ <b>7</b> 77000 5		2
Acenaphthylene	10		2002 2002 2003 2003	Carried Programme				HEEN			Sec.
3-Nitroaniline	25	<u> </u>	L		L	L	<u> </u>			<u> </u>	l

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Case #: 33178

SDG: C0038

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0049		C0051		C0052					
Sampling Location :		PW5		GW2		GW3					
Field QC:						Dup. of C00	45				
Matrix:		Water		Water		Water					
Units:		ug/L		ug/L		ug/L					
Date Sampled :		8/3/2004		8/4/2004		8/4/2004					
Time Sampled :		11:40		09:00		13:25					
Dilution Factor :		1.0		1.0		1.0					
Semivolatile Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Acenaphthene	<u>3.</u> 10		in the second	1.为有别人。 1.数4年2			23.25 23.25	加工技术			
2,4-Dinitrophenol	25						*****				
4-Nitrophenol	25									S. This St	
Dibenzofuran .	10										
2,4-Dinitrotoluene	10	aless	Mari					Mikalis			
Diethylphthalate	10		water the same	Assessment of the Assessment o	aprilipro espera	Samuel Miller St. S. Samuel St. Miller St. St.		Name of the last o			
Fluorene	<b>2</b> 10						1				
4-Chlorophenyl-phenyl ether	10			Anna de proposition de la company production par en la company		(p-pp- q = ()	*********		i		
4-Nitroaniline	25										
4,6-Dinitro-2-methylphenol	25	Seminary (Se de l'or più de l'orde (Se el	en-many por	ranger services and a firm to	CONCURSOR AF	Sparse on the second of the se	maraneumeny**	CONTRACTOR AND PROMISE SERVICES	***************************************	estaction, a service and a service and a	tendental march
- N-Nitrosodiphenylamine	<b>∞.10</b>					EFH.F.S					
4-Bromophenyl-phenylether	10	and the second companies when the second	·				*****				
*Hexachlorobenzene	ું10ે							34			
Atrazine	10	Service Security and Control of the Control	SHEET STORY	THE THE PARTY OF T			WETTERE'S			Military (West Transformation)	ALON ON A
*Pentachlorophenol	25,	NEW 2							Ter.		
Phenanthrene	10	THE STREET	NEW TODAY	THE STATE OF STATE OF	יניי יאפענט יוגע	V	ssame e		morrowers:	minister are the top	CORDAN ( Nov. )
Anthracene	5-10°					Marke E	<u> </u>	17.7			W.
Carbazole	10	MARKET PROTECTION AND AND AND AND AND AND AND AND AND AN	MERCURACIONAS	TRACETTE SHOPE TO THE	MARTINESON, I	PERANDAA-STREET	1787007119667527	DALIER CONTROL	renge ummerene	DESCRIPTION OF THE PARTY OF THE	CONTROL .
Di-n-butylphthalate	. 10	4.500		THE STATE							
Fluoranthene	10			and the second second is	and the		1700E-1427-		TIPRETT I		armanaru
- Pyrene	10										
Butylbenzylphthalate	10	**************************************	77777	Manager 1992 and	1577.75°	TOTAL SET YES	ese maio .	2720×2777	y-3,	27 TE 82 TYST 22 T	DOCTOR F. S.
3,3'-Dichlorobenzidine	<u>.</u> 10				<b>\$22</b>						
Benzo(a)anthracene	10	Sanda Circumster	<b>प्राकृत्</b> काः ।	<del>स्थापका स्थापका है।</del>	TEART.	TN- TEGRTEET TERMENT TO	الملد عادمالك	Germani	n was	सम्बद्धाः द्वाकस्याः, ३.५. । सम्बद्धाः	Mars. 5
Chrysene	ું, 10∈				valide e		<b>建</b>				建
bis(2-Ethylhexyl)phthalate	10	<u> PERMITETTO</u>	<b>DESC</b>	3773 J	(%)(S)~	1 Aggrangia (Transis	J			gegraggarase.	ಕ್ಷರಾ <sub>ಲ</sub> ್ಯ ಕ್ರ
Di-n-octylphthalate	. 10		Applied.				184. C				関が行
Benzo(b)fluoranthene	10	स्तुत्रसम्बद्धसम्बद्धसम्बद्धाः ।।	N. A.S.	Control of the contro	# 4.		এক্সেশ্র ক	Mark Santana	255	ESPACEMENT CONT.	Garage on a
Benzo(k)fluoranthene	10				.5	经。然此类的		Entert.	Nile2*		
Benzo(a)pyrene	10	365 - 155 - 15 T	ا فسيند	المائ الأشكامييي	7., 5	#####################################	1007 T.	narere et. H	permental Zur	#9#\$\\L\$\\.\\\	Y.,
Indeno(1,2,3-cd)pyrene	10				3.5		20134 20134			AKE C	
Dibenzo(a,h)anthracene	10	AND THE PROPERTY.	المتاتية	Service Control		er en fjeg i Karj	एक स्ट्रा	المصالب بشائد كالمكافئ	<u>स्थानसम्</u> त		2.57%
Benzo(g,h,i)perylene	10	MARK!	÷ 👸 .	n Level Evists	لبنا	19.34	₹~	数据的基础	-44. x	ODE DEFINIT	

· CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Page \_\_39\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0001

Number of Soil Samples: 20

Site : Lab. : NEW JERSEY FIREWORKS CEIMIC Number of Water Samples: 0

Sample Number :		C0001		C0002		C0003		C0004		C0005	
Sampling Location :		S11		S12		S13-		S14		S15	1
Field QC:		Dup. of C00	005							Dup. of C00	001
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		12:30		14:16		12:05		11:30		12:35	
Dilution Factor :		0.99		1.0		0.98		0.98		0.99	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7		7	でを数されて			100	A Charles	2:22		26.44
beta-BHC	1.7										
delta-BHC	1.7			Situ							
gamma-BHC (Lindane)	1.7										
Heptachlor	1.7				22.5 35.4.4		Man)		224		
Aldrin	1.7			-							
Heptachlor epoxide	1.7					with:			in.		
Endosulfan I	1.7										
Dieldrin	(; 3.3 ∘,				-						
4,4'-DDE	3.3	Today Telescope (1997)	70-0000-000-00-00-00-00-00-00-00-00-00-0			Manager Commission Co.	700000 TO 10	19	rientestore de martier	Tomana proposita visuos deservacios de	
Endrin	3:3:2				3						
Endosulfan II	3.3		Tomate As record	TALEST TRANSPORMENTAL SCOTE YOUR	Section 1985		TOTAL CANADO SEE		- Same - Same		Description of the
4,4'-DDD	3.3						320 5			375	
Endosulfan sulfate	3.3		**********		-ermensaveni			CONTRACTOR NAME OF THE OWNER.	energy constraints		ments and comp
4,4'-DDT-	3.3							5.0	J.		
Methoxychlor	17		,,, <u>.</u>	-	خشستنسمها	Amelickák is monoromy s when			1078575-27		DETRUGENCY I
Endrin ketone	3.3		ڪيائي ڪائين				更近:				
Endrin aldehyde	3.3		L				arcre			The position of the control of the c	7073Ch2774
alpha-Chlordane	1.7.										
gamma-Chlordane	1.7	1. 3		-	-0*CE2***-				amenda de la composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la c		ವಾರದ ಜ.
Toxaphene	170		32-74 27-24								
Aroclor-1016	33				manifestal scan	1200-0000000000000000000000000000000000	Simulation's		4477		
Aroclor-1221	€67.										
Aroclor-1232	33		parameter services				228013230227	Military Company of the State o	corec ::	COMMENSATION OF STREET	TO MORE OF
Aroclor-1242	33										
Aroclor-1248	33	1									

CRQL = Contract Required Quantitation Limit

Aroclor-1260

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_40\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0001

Site : Lab. : NEW JERSEY FIREWORKS

CEIMIC

Sample Number :		C0006		C0007		C0008		C0009		C0010	
Sampling Location :		S16		S21		S22		S23		S24	
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		14:06		09:55		10:20		11:05		10:45	
%Moisture :	-	21		27		18		9		14	
Dilution Factor :		0.99		1.0		1.0		1.0		0.99	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	21.7%		<b>37</b> 11						-	ek en i	<u> </u>
beta-BHC	1.7										
delta-BHC	1.7.			24,7					19. 34. 34 19. 34. 34.		
gamma-BHC (Lindane)	1.7										
Heptachlor	1.7		ن هند				and at				
Aldrin	1.7										
Heptachlor.epoxide	1.7			A STATE OF							
Endosulfan I	1.7										
Dieldrin	3.3	A de la companya del companya de la companya del companya de la co									
4,4'-DDE	3.3										
Endrin	3.3								2.00		
Endosulfan II	3.3	C Anger Teatr Child Mark W. M. W. Walter J. W.	- National Policies on			With the second will distribute with the second			Telephone a com	The A T CONTRACTOR AND A CONTRACTOR	·
4,4'-DDD-	3.3	AR RIL					7				
Endosulfan sulfate	3.3										
4,4'-DDT	3.3		Ų,					direction of the second			
Methoxychlor	17					***************************************			~~~~		
Endrin ketone	3.3		200	Page 18 15		<i>A A A A A A A A A A</i>					
Endrin aldehyde	3.3				100700000000000000000000000000000000000						
alpha-Chlordane	1.7		344				题				
gamma-Chlordane	1.7			namentarian an amenda and make the section of the s	A APPENDITOR :						
Toxaphene	170		<b>*</b>		4						
Aroclor-1016	33			**************************************							
Aroclor-1221	67⊋										
Aroclor-1232	33								Congress management		
Aroclor-1242	33 -				121 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			靈. [25]			
Aroclor-1248	33			CAMMAND OF THE STATE OF THE STA	- managery s - more s	angua garasanggagagananggagaan	yengan mar		-	Difference and the second seco	in the Name (See No to
Aroclor-1254	33										
Aroclor-1260	33										

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Revised 09/99

PIGINAL

Page 41 of 49

Case #: 33178

SDG: C0001

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :	•	C0011		C0012		C0014		C0015		C0016	
Sampling Location :		S25		SS11		SS13		SS14		SS21	
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/3/2004		8/3/2004	
Time Sampled :		10:00		12:40		12:10		11:35		10:05	
%Moisture :		27		16		7		13		18	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7		ik eximin		2					APATE.	32.
beta-BHC	1.7	E-marketing have a representation of		Company of the Control of the Contro	AND THE PARTY NAMES OF		ric mineral results and			character or from the control of the	
delta-BHC	1.7	ret ye							SALS.		
gamma-BHC (Lindane)	1.7		-	Application of the Control of the Co		Similaria Anti-ampunintus	designation of			Managed and the second	
Heptachlor	1.7				70	X. ELV	Wir.				13.5
Aldrin	1.7			andread and the second second	alm advantas	The same of the sa	<del>ageatric</del> serger		gaga en <b>asure</b> had,	and the control of th	
Heptachlor epoxide	11.7										
Endosulfan I	1.7								- And Control in the	200	
Dieldrin	3.3		<b>1</b>		<b>क</b> स्टिप्ट						2000 1000 1000 1000 1000 1000 1000 1000
4,4'-DDE	3.3		المشافئة المستعدا	Indiana ikilistahin satu	**************************************	well-brank make to se-		ه سرا لشاطلاسستالاسترساد (	())) <u>(</u>	Edition	
Endrin	3.3			i din di	ier					£2.50	de de
Endosulfan II	3.3		TELETA:	one and the second of the sec	reserve		Marie Co		796*05*E20**	F127 15 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	FFFFFFFFFFFFF
4,4'-DDD	_3.3√						WZT				
Endosulfan sulfate	3.3	ERROTTECT UND	3775	DRESCONSISTE STREET	717	encertain and an an	September 2	المحاصية المتعادم الم	TENEST ST	1	Chiestal L.
4,4'-DDT	3.3		Serve.								
Methoxychlor	17			Harry Company of the	HBRCZ:	SEED SERVICE PROPERTY.	Pratows:		THE PERSONS	AMILANIS SECTIONS	D120F-+ C -
Endrin ketone	3.3						Bit	C'ada#			
Endrin aldehyde	3.3	water to the	To a few seasons	ARCHIONICAL CONTRACTOR	THEORY TOTAL	Mendela Makelana	group grown	ggargepengagan c	STANCT.		415mg_c:
alpha-Chlordane	1.7.		Z.,		1						
gamma-Chlordane	1.7		CENTRAL		- Parity		<b>M</b> TELEN	Selver and the		<b>PEN</b> S SZEEN	PHYSIA
Toxaphene	170										
Aroclor-1016	33	<u>।इत्यक्त</u> ाङ।	16.3Y	क् <del>ष</del> ्ट्राह्म	YES TO		<b>7.5.</b> 5	<u>स्थान्य स्थानस्थ</u> ा	F677	TTAKCITETE	<u>इ</u> ह्य-स्टब्स
Aroclor-1221	· #67.				**************************************					wert:	K.S.
Aroclor-1232	33		W. E	SCERENTY I	25.45) I		erene.			<b>W779</b> 20754040	Mark Land
Aroclor-1242	33	<b></b>	建立								
Aroclor-1248	33	Section 2	3.7. · · ·	778785	N <sub>2</sub> , ,	37577 772	26.	STOTE TO	<u> </u>	ETWART.	<b>.</b>
Aroclor-1254	33			ESEE 3			Elizabeth Pariti				ห์ไซ 💮
Aroclor-1260	33										

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Revised 09/99

PAIGINA

OPLGINA

Case #: 33178

SDG: C0001

Site : Lab. : **NEW JERSEY FIREWORKS** 

CEIMIC

Sample Number :		C0017		C0018		C0019		C0023		C0024	
Sampling Location :		SS22		SS23		SS24		SED3		SED4	
Matrix:		Soil		Soil		Soil		Soil		Soil	
Units:	•	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/3/2004		8/3/2004		8/3/2004		8/5/2004		8/5/2004	
Time Sampled :		10:25		11:10		10:50		11:20		10:25	
%Moisture :		18		13		15		31		18	
Dilution Factor :	~~·	1.0		0.99		1.0		0.99		0.98	
Pesticide/PCB Compound	CRQL	Result	Flag	Result `	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7				7 14		李安				100 m
beta-BHC	1.7					The second secon					
delta-BHC	1.7										
gamma-BHC (Lindane)	1.7						***		CONTENT OF ANY ANY TIME	70.00	- Acres were
· Heptachlor	1.7						ar.		<b>5.</b> × 2		逐至
Aldrin	1.7		14000 TV 10		A		- Tables				-
Heptachlor epoxide	11.7										2
Endosulfan I	1.7		-								
Dieldrin	3.3				3213						
4,4'-DDE	3.3	****		**************************************			·		7500-51-7-	actor towards or our	ATTENDED TO A ST
Endrin	3.3		W.							Barbery .	37
Endosulfan II	3.3	Commencial and the second	inimination of	Carried and Carrie	Mental Action		Market Control	The superconductions are superconductions.			
4,4'-DDD	1 3.3										
Endosulfan sulfate	3.3	-	TO BOX HAPPY TO THE	in the second of the second	The state of the s				SECTION FOR		10000000000000000000000000000000000000
4.4-DOT	3.3				322						
Methoxychlor	17	Programme Services	#13E3TE9	Dente in Azorono 2	\$7575%85		WHENERY.		Parker	190207778	Suddonies :
Endrin ketone	3.3		200				100				
Endrin aldehyde	3.3	energyenergenge	المعتشاتات	<b>建建设在扩张的工厂工程</b> (1	क्कारीय कार्य -		reproductive N	When the the transfer is a second second second second second second second second second second second second	magazaa.	. كىدۇ ئۆلەھلاشتارىقلاشلاش	্লাকুম্বর
_alpha-Chilordane	1.7	2555 K. 25			ře.		2				
gamma-Chlordane	1.7		क्षाप्रस्तर	क्रकारणास्त्रका स्टब्स	- <b>3</b> 85	And the Market	200	<b>S</b> ULUS SESTE	20 1	ar recase the	NGKT K.
Toxaphene	170				**************************************	in Like				a tokil	
Aroclor-1016	33	क्रास्ट्रहरू, स्टब्स्	स्थास	**************************************	द्रमुखास्यः -	GE STUMBUTE	<b>भ्राह्म</b>	# STATES OF THE	Service :	20 May 27 P. 机空车	
Aroclor-1221	67	Producti	整		Second of the second	艺术强门			13.7°		
. Aroclor-1232	83		32527	ALBOY, TO VENI	Configuration of the Configura	er varemen	<b>MARTHER</b>			SECONOCAINES	S. September 1
Aroclor-1242	<b>∵33</b>			ezij.	M. C.					rockie.	
Aroclor-1248	33		<u>इत्य</u> ास	BETTER OF A			CONTROL	MARKET V	ggggrggran		
Aroclor-1254	33										
Aroclor-1260  CROL = Contract Required Quantitation Lin	33	<u> </u>		<u> </u>			لــــا	IARRATIVE E	لـــــا		Ц

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

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Case #: 33178

SDG: C0021

Number of Soil Samples: 6

Site:

NEW JERSEY FIREWORKS

Number of Water Samples: 0

Lab.:

CEIMIC

Sample Number :		C0021		C0022		C0025		C0026		C0027	
Sampling Location :		SED1 .		SED2		SED5		SED6		SED7 .	
Field QC:										Dup. of C0	028
Matrix:		Soil -		Soil		Soil		Soil		Soil	
Units:		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :		11:25		11:45		09:50		09:35		08:50	
Dilution Factor:		0.98		1.0		1.0		0.98		0.99	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	3.1.7	400	A Street	整强态(2)	25.7	and the second	25		$F \vee v$		MI
beta-BHC	1.7										
, delta-BHC	1.7%						V	<b>在</b> 原数。			
gamma-BHC (Lindane)	1.7										
Heptachlor	4 1:7										
Aldrin	1.7										
Heptachlor epoxide	1.7							70.5	200		
Endosulfan I	1.7			1.							
Dieldrin	3.3 ĵ							<b>建设工程</b>			
4,4'-DDE	3.3		l		l		ĺ	· '			
Endrin	3.3			New Alex							
Endosulfan II	3.3										
' 4.4'-DDD	3.3		1.2		M						
Endosulfan sulfate	3.3		Towns of William and St.								
4.4'-DDT	3.3			3243							
Methoxychlor	17		*****							Company of the Compan	
Endrin ketone	3.3	44 <b>3</b> 4 54 64					22.	25544			整整
Endrin aldehyde	3.3	VIV.		Transportation to the contract of							
alpha-Chlordane	1.7			TATE!						24.36	
gamma-Chlordane	1.7									A-140-140-140-140-140-140-140-140-140-140	
Toxaphene	170 <sub></sub>			25 (C.)							
Aroclor-1016	33										
Aroclor-1221	67				1.13				£12		
Aroclor-1232	33					***************************************				The state of the s	
Aroclor-1242	33										
Aroclor-1248	33	A STATE OF THE PARTY OF THE PAR		***************************************		(W.134) III SKANAN SIGE WY TO Y	SECURITY SECURITY				AND THE PROPERTY OF
Aroclor-1254	√_33 <u>`</u>				Met III						
				1		i :		1		ī	L

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100



OPIGINA

Case #: 33178

SDG : C0021

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0028									
Sampling Location :		SED8	. !			٠.					
Field QC:		Dup. of C00	27								
Matrix:		Soil									
Units:		ug/Kg									
Date Sampled :		8/5/2004									
Time Sampled :		08:55									
Dilution Factor :	_	0.98				,					
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7	AT PERSON							22-1		
beta-BHC	1.7		CALIBRIA.		. Briefinnismakur	77.11	777474			endinancimen in monthstanding	management of the
delta-BHC	1.7									78551 Stadowick/SU_SE_5	
gamma-BHC (Lindane)	1.7		'প্ৰয়োগ্যসাক	SELECTION OF THE PROPERTY OF T	·		SECUTION .	PARTIES	oneseron:	30800 FT - 11 - 11 - 11 - 11 - 11 - 11 - 11 -	
Heptachlor	1.7				T.S	PFLAK	30. 30				
Aldrin	1.7		Service of				THE PERSON NAMED IN		TOTAL FOR		-
Heptachlor epoxide	_1.7						EE.				
Endosulfan I	1.7			74-7-17-05-0-1-1-1	- Sheart-				A COMPANY OF THE PARK OF THE P		CHARLE CONTRA
Dieldrin	3.3			X 56.52							
4,4'-DDE	3.3		. المالندانات.	Militarian marking "	Sink House, and	Military and a few transition	- Salak makak mara		and the second	Program of the second	morrosser:
Endrin	3.3						EL ÉY				
Endosulfan II	3.3		- Marine Service Servi	Comment of the confession of t	**************************************		enconnector:			2700002810004651140000000	Property Contraction and Contraction Contr
4.4'-DDD	3.3				整理						
Endosulfan sulfate	3.3		.देख् <b>र</b> स्कार	States - Anna States - Anna States - Anna States	receive out	water the second	TOTAL TO	MATERIAL SPACE TRAVERS	Selectoristics.	THE CONTRACTOR OF THE CONTRACT	757537***
4,4-DDT	3.3									Z SATE	
Methoxychlor	17	erenturalinger (compression)	<b>X</b>	AND AND ASSESSMENT OF A	The second	St. S. S. S. S. S. S. S. S. S. S. S. S. S.	FORFER	SECTOR SERVICES	and the second	HANGERATURE EXPENSE.	2504VINO
Endrin ketone	3.3		ERE		100	100	EX.	<b>ELAK</b>			
Endrin aldehyde	3.3	and Martin Market No. (2)	1000000000	Same and the same of the same	and seem		STATE OF THE STATE		SHOWER WAS	TABLES - CAL-WEST IN	tapa-cus
alpha-Chlordane	1.7						2	TIME.			
gamma-Chlordane	1.7	A THE REST OF S	5383618	NAME OF TAXABLE		80.5. Language	TABLE CONT.		WAZE F		SASTANCES
Toxaphene	170										Section 4
Aroclor-1016	33 (TT) Wat		'ভেশ ভূমা	APPENDED TO A	खड र	<del>शहरणमाः सम</del> ्बद्ध	ಎಶಚಿ ೧	अस्टरकारकार <u>ज्</u> या	क्षास्थ्यक्र	water and the	د استالا
Aroclor-1221	67				SER CONTRACTOR		SE.				
Aroclor-1232	33	785 (************************************	#138450		STATE OF	TRANSPORT STREET	2000 CA		1287 SW	Same of the Control	94945790h
Aroclor-1242	33			egg.			222		逐逐		
Aroclor-1248	33	wastie entire	20.50.0	<b>25 2</b> 5 7 7 7 8 8 8 7 7	gerange, pr		THE STATE OF		W 20 0.2	ESTRAGOLES.	BETS CO.
Aroclor-1254	33		î.								
Aroclor-1260	33										

CRQL = Contract Required Quantitation Limit

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor) / (100 - %Moisture) / 100

Page \_\_45\_\_ of \_\_49\_\_

Case #: 33178

SDG: C0032

NEW JERSEY FIREWORKS

Site : Lab. :

CEIMIC

Number of Soil Samples: 0 Number of Water Samples: 2

Sample Number :		C0032		C0041							
Sampling Location :		SW4		SW14							
Field QC:		<u> </u>		Field Blank		1					
Matrix:		Water		Water							
Units:		ug/L		ug/L							
Date Sampled :		8/5/2004		8/5/2004							
Time Sampled :		10:20		10:50							
pH:		1.0		1.0							
Dilution Factor :		1.0		1.0							
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050									2000年200	经更加
beta-BHC	0.050	Marketine and the second secon	777~28 .~				William VIII				
delta-BHC	0.050							X			
*gamma-BHC (Lindane)	0.050								**************************************		
*Heptachlor	0.050										Sil
Aldrin	0.050			market parameters	*****	- Marie Sales Japan	********				
Heptachlor epoxide	0.050										L
Endosulfan I	0.050	Maringon Commission (24)					-				
Dieldrin	0.10	在自己是				1 - 1 - 4 - 4 - 1 - 1 - 1 - 1 - 1 - 1 -		7989 j	Mark.		
4,4'-DDE	0.10	Management of the Control of the Con	pages might	Marie Color Control of the Section Color	POST SHOW THE PROPERTY OF		*****	and the state of t	orestore roresa	TO THE STATE OF TH	
*Endrin	0.10										
Endosulfan II	0.10		cases as pro-	or Kiegostologia pro- di sunto ori oli	- Sendickery (2)	December of the case of the	THE SCHOOL STATE		Material States		
4,4-DDD	0.10				¥£						
Endosulfan sulfate	0.10	Same of the same o	Selection.	awyonango mayar izolga.	arressor, ser	TO THE RESERVE OF THE PERSON O	-		Terrespondence (		VAPPE V E
4.4'-DDT	0.10		<u> Pris</u>								
*Methoxychlor	0.50	mpananggan casas a = x=	استرستاها	امائك شامل شاخ د شامل غائما	na management	200 Transport		indiation option from white	1502792	er er er er er er er er er er er er er e	7
Endrin ketone	0.10		2								验价
Endrin aldehyde	0.10	Market State of State	المتحدث فيستكند	Beeley of Assession	. rest-mandshi		SECOND NO. 1		windkinilarine		#FORTHOUSE
alpha-Chlordane	0.050				200	No. of the case of		E. Vell.	Tark.		
and the control of the many consistency and the control of the con	0.050		230000		E:	Market Control	STROPES		TANKE CO.	************	Christoppess
*Toxaphene	5.0	L'EXI					TAX A				3271
*Aroclor-1016	1.0		Res Car		ard wat	SEGRATO ESSOSA	<b>Granda</b> n.		rijiggjimijates		296714
*Aroclor-1221	2.0						, 3	With the		36337-12	
*Aroclor-1232	1.0	***************************************		ggygggyst tra	المتوسية.	Marie and including the con-	errange countries	Maringar (1986) was are	2766,500	MAN WITTERSON	Calcular water
*Arodor-1242	1.0				977. 347. 39					alter.	暴药
*Arocior-1248	1.0		रह्म -	المستقلة المناه المتعلمية	y spece	المستعداء والمتعارض والمتعارض	Section .	ageryegyggarurson.	748877278		2007 (D. 2
*Aroclor-1254	1.0		TEACH TO				26.5	2.25			
*Aroclor-1260	1.0										

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)



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Case #: 33178

SDG: C0038

Number of Soil Samples: 0

Site : Lab. : NEW JERSEY FIREWORKS
CEIMIC

Number of Water Samples: 18

Sample Number :		C0029		C0030		C0031		C0033		C0034	
Sampling Location :		SW1		SW2		SW3		SW5		SW6	
Matrix:		Water		Water		Water		Water		Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/5/2004		8/5/2004	
Time Sampled :		11:20		11:40		11:15		09:45		09:30	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
The state of the s	0.050						i frusi) Seetla				
	0.050	Separate services of the Control Security of the Contr		- The second section of the Second se		Amilianismusimus sens entre vitaliste tr		The control of the co		COMPANY OF A STATE OF STREET	
The state of the s	0.050 &										ig w Else
	0.050	TOTAL CONTROL OF THE	New terror	TERRETAIN TO THE PROPERTY OF T			· Standardon	ones and the trade of the second con-	onestronomic age on	STREET STREET, THE THE PROPERTY OF THE PROPERT	CONTRACTOR OF THE
The same of the commence of th	0.050	kabba adini									
The second secon	0.050			a digitar angus pandanggap giga ( , , , , ,		A CONTRACTOR OF THE PROPERTY O	) alfanonia - #		Marindeliana	·	
Heptachlor epoxide	0.050							2.20	Naisk		# # E
	0.050		PT 0 7 2	Sime market market .	March Control		-			and an action of all and a significant decision of the	788757 T-
Dieldrin	0.10										
4,4'-DDE	0.10	(MC designation of the second	Var. v. maggggggg		region ways Take 1		- management of the		Approximate and evide.	and the last one and an extension of the last of the l	
Endrin	0.10	<b>9</b> 174732		The state of the s							
Endosulfan II	0.10	- The second distance of the contract of	**************************************	Marie Land Dermit Service	pagarage ,		Sandashadi .	Section of the second		men-curentee	
	0.10		£Z								
Endosulfan sulfate	0.10	Martine Charles of contributions of the contribution of the contri		The second secon	(Stanformerical)	terminal and the middles with a m	82191013J.T.		- يورپدوسېي	TONGS STOPPING	
4,4-DOT	<u>₹0.10</u> ≨		7. Z.Z.				21	in the second	12		
*Methoxychlor	0.50	THE PART OF THE SECOND	**************	to the Communication species :	tilk domination.	Market was reprinted the	COASIGNICION IN	·	- PROSENCE PROPERTY - I	manorous and an analysis of the second	**************************************
Endrin ketone	0.10		<u> </u>								
Endrin aldehyde	0.10	APATTERSON STORY THE T	Talkarian of	entrantant e	Hearyman Imil	encertain canaries a	CONTRACTOR CO.	and a section of the section		omenakus medala interio.	1.5635-11
والمرابطة المحافظة والمحافظة 0.050				ZIZ.	Argania				Bairin .	MY	
AND REST OF A SECURITY OF THE PROPERTY OF SECURITY STATES OF A SECURITY OF THE PROPERTY OF THE	0.050	المنافقة المناسبة المناسبة	المدن سكفات	an and the above to	<del></del>	States amountainings	ئتىسەققى	المائدة والمستالة والمتالية	المشاهدة المعادمة	SECTION SECTIO	J=2 T . •
*Toxaphene	± 5.0°	Alimilia.			كنيف					Marinat'	
*Aroclor-1016	1.0		TO THE STATE OF THE	الاستنامات المستنادة		202722 Y NEEDS	T DOWN		285.05	raggio suppressor a parguerno con	ngweneg
*Aroclor-1221	2.0%							THE LEE	\$5.50 \$2.50		
*Aroclor-1232	1.0		Partition		was a series	die Lie von Anderschaften.	Section :	ALTONOMY WAS TO SEE	elitakinanin'n	PROPERTY IN THE	
*Aroclor-1242	1.0	i wa a	7. E.		2.2				透明	24.	Fi
*Aroclor-1248	1.0	Mariante de la como	-		inger maner	instantional and all districtions	remanus.	Construction between the second		CRETECTION TO THE CO	ļ., I
*Aroclor-1254	1.05							Tolkian Tolkian St.		SELLA.	ir.

CRQL = Contract Required Quantitation Limit

\*Aroctor-1260

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Revised 09/99

Charles Charles

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Case #: 33178

SDG: C0038

Site:

NEW JERSEY FIREWORKS

Lab. :

CEIMIC

Sample Number :		C0035		C0036		C0037		C0039		C0042	
Sampling Location :		SW7		SW8		SW9		SW12		MW1	
Field QC:		Dup. of COO	36	Dup. of C00	35			Field Blank			
Matrix:		Water		Water		Water		Water		Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/5/2004		8/5/2004		8/5/2004		8/4/2004		8/4/2004	
Time Sampled :		08:35		08:40		10:30		12:15		10:30	
Dilution Factor :		1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050				r is of others						はなるか
beta-BHC	0.050										
delta-BHC	0.050										
*gamma-BHC (Lindane)	0.050										
*Heptachlor	0.050	E. it	14		12.5			Waste 75	20.17		
Aldrin	0.050		CANCEL CONTRACT								
Heptachlor epoxide	0.050				Lie America						
Endosulfan I	0.050	-									
Dieldrin	0.10					1492 V.K	35 S.				122
4,4'-DDE	0.10										
*Endrin	0.10						9.07				#(25.00) #25.00
Endosulfan II	0.10		77********	entroper respective entropers in		Mark of State of Stat	TOTAL TOTAL CO. TO .	- Name of the profession of the Profession of th			
4.4'-DDD	0.10		¥.								
Endosulfan sulfate	0.10			l'helitalisani e sant anno 11 e	- <b>4</b> 000-000-00-00-00-00-00-00-00-00-00-00-0	TOTAL SALES AND AND AND AND AND AND AND AND AND AND	·	COMP TABLES CONTROL OF THE AMERICAN A		The second secon	
4:4'-DDT	0.10										
*Methoxychlor	0.50	ilitariaminti mimorana	menorate o	Biline in the Section of	jamana.		7 87	"THE SAN HORIZON"	ANSARA 27.	and the second s	OFF THE
Endrin ketone	0.10		盔						Ž		Žir.
Endrin aldehyde	0.10		and the second	 	distriction of the		RECEIPT TO	MARKET STATE OF THE	2065 branch	Hanner of Armer managers and A	150455-2 404
alpha-Chlordane	0.050	estate									
gamma-Chlordane	0.050	THE CONTRACTOR	######################################		:		انتست	Shark Market Land	12° ( (		-yrogane
*Toxaphene	5.0	<b>2</b> 22 Tele		<b>第24</b> 77.1	22		42				1200.7 2007.7
*Aroclor-1016	1.0	Magnet . : vy strave t	इस्टब्स्टर.	Ministrature .	יין ענדין.	Halan Buckhar schlamman.	र प्र <b>ण्यद्वा</b> ठाउ		-57	Taran katana asaka 1. s. i	r mensy.
*Aroclor-1221	2.0%	经建筑文化						internative de			
*Aroclor-1232	1.0		*5000 mg/	alitikaantivoon o	anjamon.	The second contracts	TO THE STATE OF TH	amberrania na san san s	ON STREET		SENTENCE E
*Arodor-1242	. 1.0 ⊊	Market Carl						ingana.			
*Aroclor-1248	1.0	Service Service	اعديقما	The state of the s	الأياداسهنادا	de realis de Michiganiste des .	المدر شتقان		ক্ষ <b>া</b> ৱ	Service of the servic	RURT.
*Arodor-1254	1.0				12	Fare Base		BLBASSE!	de la la la la la la la la la la la la la		200
*Aroclor-1260	1.0			n I evel Exists	لـــا			IARRATIVE E			

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

Revised 09/99

Richa

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Case #: 33178

SDG: C0038

Site:

NEW JERSEY FIREWORKS

Lab.:

CEIMIC

Sample Number :		C0043		C0044		C0045		C0046		C0047	
Sampling Location :	-	MW1A		MW2		MW3		MW3A		MW4	
Field QC:						Dup. of C00	)52				
Matrix:		Water		Water		Water		Water	İ	Water	
Units:		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :		8/4/2004		8/4/2004		8/4/2004		8/4/2004		8/4/2004	
Time Sampled:		11:10		12:20		13:25		14:00		10:45	
Dilution Factor :		1.0		1.0		1.0		1.0_		1.0	
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050		E/2 5					M.W.Sc		evianc	Q.
beta-BHC	0.050										
delta-BHC	0.050∴								20, 7 (52) Sandish		
*gamma-BHC (Lindane)	0.050		-		Works commanded the second						
*Heptachlor	0.050									T.E.T.	20 mg
Aldrin	0.050	propagation of the parties designed to the	77997 2797	Andreas Alexandra Carrier and Arra 1880 .	Democratical Control of the Control			The second district the second second second second second second second second second second second second se	i nameno como o conso d		
Heptachlor epoxide	0.050							747			
Endosulfan I	0.050				***************	Mindgegram 1 Anny Thomas Carlo				- Bellindige - Northern Commercial Science.	a some management of the second
Dieldrin -	0.10										10.00
4,4'-DDE	0.10			and the second s		Comment of the life of the Comment o					
*Endrin	0.10										
Endosulfan II	0.10	)	.,,,,,,,	And the second of the second of	and About in .	And and the second of the second of the	-			Francisco de la companya de la companya de la companya de la companya de la companya de la companya de la comp	
4,4'-DDD	0.10										
Endosulfan sulfate	0.10		7972	enterente de la companya de la companya de la companya de la companya de la companya de la companya de la comp	······································		COMPANY THE	**************************************	77807 PM 4-927	Participal Control of the Control of	and the second second
4,4'-DDT	0.10										
*Methoxychlor	0.50		errormenous		TROPE 2 TABLE **	CAPATRICO CONTROLO			***************************************	- Carrier State Company -	New Acres
Endrin ketone	0.10		<b>77</b>						7.1		
Endrin aldehyde	0.10	DAA CORCE CYNI	Table Collection		PROGRESSON	######################################	12/02/9 <del>2/92</del>	and the second second second second	TOTAL CONTRACT		ana reserve
alpha-Chlordane	0.050		100:17		1 (A)						
gamma-Chlordane	0.050	CONTRACTOR OF THE STREET		SCOTERSTOR	**************************************	and the presentation			SECTION SECTION	ing de messerande	gr. ggrass
*Toxaphene	5.0	ACTIVAL P									
*Arocior-1016	1.0		eras vir	22	7 gray 1	TRANSMIN TO THE STATE OF THE ST	ವಹಿಗ್ರಾಣ್ .		C. F. 40	TORREST TO THE PROPERTY ***	TRANSPORTUL
*Arodor-1221	2.0		a.c	elakti.	SACAT						
*Aroclor-1232	1.0	় কৰ্মজন্ত শহকের	اختث	व्यक्तिकारम् । इ.स.च्याकसम्बद्धाः ।	TEXT.	SECTION CONTRA	(eggen en	अस्यकृतसम्बद्धाः सम्बद्धाः		TERRITARIST TO THE ST.	ಯಗಳಾಗ
*Aroclor-1242	1.0	ACCE	Žice"						Salar Salar	<b>K</b> Salt.	
*Aroclor-1248	1.0	जिल्ह्या स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स्टब्स्ट स		الدام أدا الاستخطاطة	1505,84	والمارية المالكينية أمرمان	Separation	7736 2. 221	المشاطاتان		n reger
*Aroclor-1254	1:0		0		<b>E</b>						
*Aroclor-1260	1.0										

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

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ONIONAL

Case #: 33178

SDG: C0038

NEW JERSEY FIREWORKS

Site : Lab. :

CEIMIC

Sample Number :		C0049		C0051		C0052					
Sampling Location :		PW5		GW2		GW3					
Field QC:						Dup. of C00	45				
Matrix:		Water		Water		Water		1			
Units:		ug/L		ug/L		ug/L					
Date Sampled :		8/3/2004		8/4/2004		8/4/2004					
Time Sampled :		11:40		09:00		13:25					
Dilution Factor :		1.0		1.0		1.0					
Pesticide/PCB Compound	CRQL	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050		1	aring de la company	装艺			इंदि इस्त्रहरू	3		5 K. C.
beta-BHC	0.050			-						**************************************	
delta-BHC	0.050		- 1				5 4 5				200
*gamma-BHC (Lindane)	0.050					The section of the se				S THE STATE OF THE SAME OF THE SAME	
*Heptachlor	0.050			in the season				- India:			136
Aldrin	0.050						- Calendarian Mark		***		
Heptachlor epoxide	0.050		25								
Endosulfan I	0.050	·				and the second s		. Kanadarat		Magney of the state of the latest and the state of the st	
Dieldrin	0.10				eks,						
4,4'-DDE	0.10	Appropriate acceptance services	CHANGE CONTRACT	ental Charles and residence and charles and the second second second second second second second second second	Manager State (	CALEBOO CONTRACTOR MANAGEMENT	with high come of	Billion Control of the Control of th	and sections		Page March 1987
*Endrin-	0.10										
Endosulfan II	0.10	Silker Konneller Luber versik manten.	agraphical .		en araine	en proportion to the second second	Saladaconole de	Calegories of Marcon, 2 of male factors in the same small.	789827079V8738	CONCRETE CONTROL OF STREET, CONTROL	A STOCK AND THE
4,4-DDD	0.10						\$57.E				
Endosulfan sulfate	0.10	hadibaardahiin sik adala.	distriction of the second	individual invaded on the second	OF MELOTY WHITE	(SAMPLE) COMPANY PROPERTY (COMPANY CONT.)	AND THE PERSON OF THE PERSON O		******	NASONS BURNING BURNING	anner e ver
4,4-DDT	§0.10										313
*Methoxychlor	0.50	Alexania in in Maraini.	<del>**********</del>	Carlinate Sections		indrandonado, espesionas	سوار دسورد		28022 Aug 17		attenior attic
Endrin ketone	0.10										逐
Endrin aldehyde	0.10	ممالككرف عاسط تالبت		lenna en en en en en en en en en en en en en	5.00	artinaria a	3850 cm		(de.2),ez.est.	ME TO SECURE OF SECURE	255 × 1
alpha-Chlordane	0.050		2						7.5		
gamma-Chlordane	0.050	المسائلة المائ		المائد المائد المائدة المائدة المائدة المائدة المائدة المائدة المائدة المائدة المائدة المائدة المائدة المائدة	en en en en en en en en en en en en en e		7. 26 X Y		क्ष्मगणास्यः (सारगणास्यः		
*Toxaphene	. 5.0°										
*Aroclor-1016	1.0		www	regionalists regionalists	State and the state of the stat	intantaliant halfalita	The state of the s		Promise in	Walking To the Walking	legge cycles
*Arodor-1221	<b>2.0</b>										MAT.
*Aroclor-1232	1.0		gran :	k <b>ompr</b> antan ratuspinin s	\$100,50% (1940) e	energygygramaker	nentero.		***************************************	representation accessors of	Address Co. 1
*Aroclor-1242*	1.0				EX.	聚化設置					
*Aroclor-1248	1.0		Arman Shrin	<u>X 1808,2571 X4 27 - 38</u>		357 000 CTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	and the Care		SECTOR P		e e e e e e e e e e e e e e e e e e e
*Aroclor-1254	1.0		AND THE STREET		Ĭ.				All the second		等。 第二次
*Aroclor-1260	1.0										

CRQL = Contract Required Quantitation Limit

\*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

To calculate sample quantitation limits: (CRQL \* Dilution Factor)

# Appendix C Tentatively Identified Compounds (TICs)

EPA SAMPLE NO C0018

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-16

Sample wt/vol: 4.2 (g/mL) G

LOW

Lab File ID: OH662

Level: (low/med)

Date Received: 08/04/04

% Moisture: not dec. 11

Date Analyzed: 08/05/04

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Number TICs found: 1

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
======================================	UNKNOWN	3.54	7	===== J
2.	CIVILIVOVII	3.34		0
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FORM I VOA-TIC

## VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA	SAMPLE 6	
	C02B8	THE WAY
	C02B8	T T

Lab	Name:	CEIMIC	CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0032 4

Matrix: (soil/water) WATER

Lab Sample ID: 040791-01

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: D0151

Level: (low/med)

Date Received: 08/06/04

% Moisture: not dec.

Date Analyzed: 08/09/04

GC Column: DB-624

ID: 0.25 (mm)

LOW

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 1

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	UNICHOWN	15.70	10	1
$\frac{-1}{2}$ .	Olyldyowix	13.70		
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Sa 09/10/04.

FORM I VOA-TIC

#### 1G

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. C0001:

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-01

Sample wt/vol:

30.0 (g/mL) G

Lab File ID: JM037

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 22

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 4.2

Extraction: (Type) SONC

CONCENTRATION UNITS:

Number TICs found: 27 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=======================================	=======================================	=======	=======================================	=====
1	UNICHOWN	5.36	350	<del>JB-</del>
2.	UNKNOWN	6.16	230	J
3.	UNKNOWN	7.62	330	J
4	UNKNOWN	7.68	190	JB.
- 5. 57-10-3	HEXADECANOIC ACID	12.26	300	NJ
6.	UNKNOWN	12.83	190	J
7.	UNKNOWN	12.93	150	J
8.	UNKNOWN	12.99	190	J
9. 123-95-5 ·	OCTADECANOIC ACID, BUTYL EST	13.75	910	NJ
10.	UNKNOWN	13.94	830	J
11. 506-52-5	1-HEXACOSANOL	14.16	440	NJ
12.	UNKNOWN	14.75	600	J
13.	UNKNOWN	15.03	210	J
14. 638-66-4	OCTADECANAL Unknown	15.76	650	NJ
15.	UNKNOWN	16.22	170	J
16.	UNKNOWN	16.92	200	J
17. 638-66-4	OCTADECANAL (INC. 1)	17.09	840	NJ ~
18.	UNKNOWN	17.73	680	J
19.	UNKNOWN	17.94	130	J.
20.	UNKNOWN	18.68	180	J
21.	UNKNOWN	18.92	440	J
22.	UNKNOWN	19.79	750	J
23.	UNKNOWN	20.27	200	J
24.	UNKNOWN	21.77	190	J
25.	UNKNOWN	22.09	220	J
26.	UNKNOWN	22.64	360	J
27.	UNKNOWN	23.02	440	J
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FORM I SV-TIC

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-06

Sample wt/vol: 30.0 (g/mL) G

LOW

Lab File ID: K9677

Level: (low/med)

Date Received: 08/04/04

% Moisture: 25 Decanted: (Y/N) N

Date Extracted 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 8.6

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.12	360	J
2.	UNKNOWN	10.67	570	J
3	UNKNOWN	11.30	300	
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EPA SAMPLE NO.

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-09

Sample wt/vol: 30.5 (q/mL) G

Lab File ID: K9680

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 8

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 3.0

GPC Cleanup:

(Y/N) Y

pH: 8.6

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.68	83.0	J
2. 791-28-6	PHOSPHINE OXIDE, TRIPHENYL	11.31	970	
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FORM I SV-TIC

#### LG

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

CEIMIC Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-04

Sample wt/vol:

30.0 (q/mL) G

Lab File ID: K9675

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 22

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 7.0

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 6

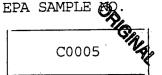
		I		
CAS NUMBER	. COMPOUND NAME	RT	EST. CONC.	Q
		======	=========	=====
1.	UNKNOWN	10.13	290	
2.	UNKNOWN	10.68	530	
3.	UNKNOWN	11.18	230	J
4.	UNKNOWN	11.32	350	
5.	UNKNOWN	12.02	310	
6.	UNKNOWN	13.07	560	J
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FORM I SV-TIC

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS



Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-17

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: JM050

Level: (low/med)

LOW

Date Received: 08/04/04

% Moisture: 13

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/13/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.8

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
_1	UNKNOWN	======= 5.36		JB
2.	UNKNOWN	6.15	170	J
3. 112-34-5	ETHANOL, 2-(2-BUTOXYETHOXY)-	7.62	220	ŊJ
4.	UNKNOWN	13.08	520	J
5. 123-95-5	OCTADECANOIC ACID, BUTYL EST	13.78	630	NJ
6.	UNKNOWN	13.96	440	J
7.	UNKNOWN .	14.21	100	J
8.	UNKNOWN	14.77	370	J
9.	UNKNOWN	15.07	200	J
10.	UNKNOWN	15.80	150	J
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Su 09/15/04

FORM I SV-TIC

#### 1G

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Contract: 68-W-03-018

Lab Name: CEIMIC CORP

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001,

EPA SAMPLE NO.

C0006

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-07

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: K9678

Level: (low/med)

LOW

Date Received: 08/04/04

% Moisture: 21

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 6.3

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 9

				I
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	=======================================		=========	=====
1	UNKNOWN	10.12	220	
2.	UNKNOWN	10.68	410	
3.	UNKNOWN	11.16	290	J
4	UNKNOWN	11.31	390	<del>- 10</del>
5.	UNKNOWN	12.02	590	J
6.	UNKNOWN	12.19	380	J
7.	UNKNOWN	14.22	330	J
8.	UNKNOWN	14.73	20000	J
9.	UNKNOWN	15.62	470	
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FORM I SV-TIC

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-08

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: K9679

Level: (low/med)

LOW

Date Received: 08/04/04

% Moisture: 27

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume: 2.0(uL)

Number TICs found: 12

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

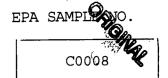
pH: 7.9

Extraction: (Type) SONC

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

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CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-08-0	BENZALDEHYDE, 4-HYDROXY-	6.67	500	NJ
2.	UNKNOWN	7.35	190	J
3.	UNKNOWN	10.12	240	
4.	UNKNOWN	11.66	130	J
5.	UNKNOWN	12.04	800	
6.	UNKNOWN	12.10	700	J
7.	UNKNOWN	12.43	450	J
8.	UNKNOWN	12.49	640	J
9.	UNKNOWN	12.86	410	J
10.	UNKNOWN	12.93	270	J
11.	UNKNOWN	13.37	440	J
12.	UNKNOWN	16.84	1000	J
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Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-02

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: JM038

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 18

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 7.2

Extraction: (Type) SONC

CONCENTRATION UNITS:

Number TICs found: 27 (ug/L or ug/Kg) ug/Kg

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CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
_1	UNICHOWN	5.37	400	
2.	UNKNOWN			
$\left  \frac{2}{3} \right $	UNKNOWN	6.16 7.62	240 240	J J
		7.62	240	
	UNKNOWN			
5.	UNKNOWN	8.13	130	J
6. 629-73-2	1-HEXADECENE	11.95	240	NJ
7. 57-10-3	HEXADECANOIC ACID	12.26	150	NJ
8.	UNKNOWN	12.36	110	J
9.	UNKNOWN	12.48	100	J
10. 84-65-1	9,10-ANTHRACENEDIONE	12.66	160	ŊĴ
11.	UNKNOWN	13.94	480	J
12.	UNKNOWN	14.33	100	J
13.	UNKNOWN	14.75	130	J
14.	UNKNOWN	14.90	290	J
15.	UNKNOWN	15.20	180	J
16.	UNKNOWN	15.57	150	J
17.	UNKNOWN	15.79	92	J
18.	UNKNOWN	15.92	250	J
19.	UNKNOWN	16.13		J
20. 192-97-2	BENZO [E] PYRENE	16.95		ŊJ
21.	UNKNOWN	17.74		J
22.	UNKNOWN	19.80	110	J
23.	UNKNOWN	20.29	170	J
24.	UNKNOWN	21.09	120	J
25.	UNKNOWN	21.34	120	J
26.	UNKNOWN	22.65	130	J
$\frac{20.}{27.}$	UNKNOWN	23.78	290	J
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FORM I SV-TIC

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-13

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: K9686

Level: (low/med)

LOW

Date Received: 08/04/04

% Moisture: 9 Decanted: (Y/N) N

Date Extracted:08/06/04

Concentrated Extract Volume: 500(uL)

Date Analyzed: 08/12/04

Injection Volume: 2.0(uL)

Number TICs found: 5

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 4.6

Extraction: (Type) SONC

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

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CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
======================================	TREATORN	4 70		=====
	UNKNOWN	4.72	260	
2.	UNKNOWN	5.71	230	J
3.	UNKNOWN	10.11	540	J
4. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	10.65	890	
5.	UNIOUNIU	11.28	370	JB.
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FORM I SV-TIC

EPA SAMPLE NO.

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-14

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: JM047

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 14

Decanted: (Y/N) N Date Extracted: 08/06/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 08/13/04

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 5.2

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 14

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q '
		=======	==========	=====
1 -1	UNKNOWN-	5.37	330	<del>JB</del>
2.	UNKNOWN	6.16	390	J
3.	UNKNOWN	7.63	360	J
<u>-4-</u>	<u> </u>	7.68	160	JB -
5.	UNKNOWN	9.03	110	J
6. 57-10-3	HEXADECANOIC ACID	12.26	90	NJ
7.	UNKNOWN .	12.87	180	J
8.	UNKNOWN	13.09	580	J
9. 123-95-5	OCTADECANOIC ACID, BUTYL EST	13.78	980	ŊJ
10.	UNKNOWN	13.97	590	J
11.	UNKNOWN	14.84	470	J
12.	ÙNKNOWŅ ,	15.08	160	J
13.	UNKNOWN	16.26	240	J
14.	UNKNOWN	20.33	1700	J
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FORM I SV-TIC

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Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.: SDG No.: C0001

Matrix: (soil/water) SOIL Lab Sample ID: 040773-10

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K9683

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: 27 Decanted: (Y/N) N Date Extracted:08/06/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/12/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.0 Extraction: (Type) SONC

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER COMPOUND NAME RTEST. CONC. UNKNOWN 6.67 390|J UNKNOWN 180 J 7.35 UNKNOWN 7.37 210 J UNKNOWN 10.12240 J UNKNOWN 11.66 100 J 980 J UNKNOWN 12.04 6. UNKNOWN 12.32 170 J UNKNOWN 8.\_ 1000 J 12.509. UNKNOWN 12.86 380 J 10. UNKNOWN 12.93 310 J  $\overline{11.}$ UNKNOWN 13.11 180 J 12. UNKNOWN 270 J 16.83 13. <del>14</del>. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. <u>30.</u>

FORM I SV-TIC

EPA SAMPLE NO. C001/2

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-18

Sample wt/vol:

30.5 (g/mL) G

LOW

Lab File ID: JM051

Level:

(low/med)

Date Received: 08/04/04

% Moisture: 16

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/13/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 4.8

Extraction: (Type) SONC

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) ug/Kg

		l	<u> </u>	
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======	=======================================	=====
1.	UNIGIOWN	5.36	270	JB
2.	UNKNOWN	6.15	440	J
3.	UNKNOWN	7.63	530	J
4.	UNKNOWN	9.02	160	J
5.	UNKNOWN	12.86	120	J
6.	UNKNOWN	13.08	780	J
7. 57-11-4	OCTADECANOIC ACID	13.78	1000	NJ
8.	UNKNOWN	13.96	530	J
9.	UNKNOWN	14.77	400	J
10.	UNKNOWN	15.07	160	J
11.	UNKNOWN	15.79	110	J
12.	UNKNOWN	16.24	150	J
13.	UNKNOWN	20.30	120	J
14.				
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FORM I SV-TIC

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.: SDG No.: C0001

Matrix: (soil/water) SOIL Lab Sample ID: 040773-05

Sample wt/vol: 30.5 (g/mL) G Lab File ID: K9676

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: 7 Decanted: (Y/N) N Date Extracted: 08/06/04

Date Analyzed: 08/12/04 Concentrated Extract Volume: 500 (uL)

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

CONCENTRATION UNITS: Number TICs found: 4 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======	==========	=====
1.	UNKNOWN	10.12	400	J
2. 123-95-5	OCTADECANOIC ACID, BUTYL EST	10.67		NJ
3.	UNKNOWN	11.16	130.	J
4	UNKNOWN	11.31	240	JB.
5.				
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Su 09/15/04

FORM I SV-TIC

OLM04.3

EPA SAMPLE NO.

#### 1G

#### EPA SAMPLE NO.

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-11

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: K9684

Level: (low/med)

LOW

Date Received: 08/04/04

% Moisture: 13

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.9

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.10	260	] ==== J
2.	UNKNOWN	10.65	740	J
3.	UNKEVOWN	11.27	340	JB -
4.				
5.				
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FORM I SV-TIC

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

C0016

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-15

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: JM048

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 18

Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (址)

Date Analyzed: 08/13/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 7.1

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
======================================	UNKNOWN	<del>5.36</del>	190	
2.	UNKNOWN	6.16	170	J
3.	UNKNOWN	7.62	220	J
4.	UNKNOWN	13.09	590	J
5. 123-95-5	OCTADECANOIC ACID, BUTYL EST	13.78		NJ
6.	UNKNOWN	13.96	450	J
7.	UNKNOWN	14.85	170	J
8.	UNKNOWN	15.32	160	J
9.	UNKNOWN	23.79	93	J
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FORM I SV-TIC SU 09/15/04

C0017 **%** 

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-12

Sample wt/vol:

30.3 (g/mL) G

Lab File ID: K9685

Level:

(low/med)

LOW

Date Received: 08/04/04

% Moisture: 18 Decanted: (Y/N) N

Date Extracted: 08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 5.5

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

GIG NERGER	GOMBOURD AND	200		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.11	250	=====
$\frac{1}{2}$ .	UNKNOWN	10.11	250 830	J
3.	UNKVOWN	11.28	540	
4.	CIVILATORIA	11.20	310	<del></del> -
5.				<del></del>
6.				
7.				
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15. 16.				
17.				
18.				
19.				<del></del>
20.			<u> </u>	<u> </u>
$\frac{20}{21}$ .	· · · · · · · · · · · · · · · · · · ·		1	
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Lab Name: CEIMIC CORP Contract: 68-W-03-018

C0018 6/N

Lab Code: CEIMIC Case No.: 33178 SAS No.: SDG No.: C0001

Matrix: (soil/water) SOIL Lab Sample ID: 040773-16

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JM049

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted:08/06/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/13/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.8 Extraction: (Type) SONC

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) ug/Kg

		<del></del>	·	
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
<del>-1</del>	UNICHOWN	ا ح مدا	220	
2.	UNKNOWN	6.16	150	
3.	UNKNOWN	7.62		J
	UNKNOWN	7.62	170	
5.				
	UNKNOWN			J
6.	UNKNOWN	12.85	190	J
7.	UNKNOWN	13.03	200	J
8.	UNKNOWN	13.08	340	J
9.	UNKNOWN	13.77	840	J
10.	UNKNOWN	13.98	690	J
11.	UNKNOWN	14.79	410	J
12.	UNKNOWN	15.10	260	ל
13.	UNKNOWN	16.20	170	J
14.				
15.				
16.				
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24.	-			
25.		<del></del>		
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27.				
28.				
29.		<del></del>	<del></del>	<del></del>
30.		<u> </u>		

FORM I SV-TIC Su 09115104

EPA SAMPLE NO. C0019

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-03

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: K9674

Level: (low/med)

Decanted: (Y/N) N

Date Received: 08/04/04

% Moisture: 15

LOW

Date Extracted:08/06/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 4.9

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1.	UNKNOWN	7.38	270	I I
2.	UNKNOWN	10.14	410	J
3.	UNKNOWN	10.71	440	
4.	UNKNOWN	11.21	150	J
_5	UNKNOWN	11.35	240	JB
6.	UNKNOWN	14.77	290	J
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25.				<u> </u>
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27.	·	<del>- </del>		
28.	<del> </del>			
	<del></del>	<del> </del>		]
30.			·	

Su 09/15/04

FORM I SV-TIC

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

C002

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-19

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: JM039

Level: (low/med)

LOW /

Date Received: 08/06/04

% Moisture: 31

Decanted: (Y/N) Y

Date Extracted:08/09/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 4.8

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or vg/Kg) ug/Kg

Number TICs found: 29

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
-1	INTOIOINI	====== 5.36	======================================	JB
2.	UNKNOWN	6.16	390	J
3.	UNKNOWN	7.63	500	J
4.	UNKNOWN	7.68	230	J
5.	UNKNOWN	9.02	160	J
6. 120-40-1	DODECANAMIDE, N,N-BIS(2-HYDR	11.37	110	NJ
7. 57-10-3	HEXADECANOIC ACID	12.27	310	NJ
8.	UNKNOWN	12.37	99	J
9.	UNKNOWN	13.53	110	J
10. 123-95-5	OCTADECANOIC ACID, BUTYL EST	13.79		ŊJ
11.	UNKNOWN	13.87	120	J
12.	UNKNOWN	13.98	750	J
13.	UNKNOWN	14.20	320	J
14.	UNKNOWN	14.36	150	J
15.	UNKNOWN	14.79	320	J
16.	UNKNOWN	15.41	260	J
17.	UNKNOWN	15.74	120	J
18.	UNKNOWN	15.83	380	J
19.	UNKNOWN	15.95	140	J
20.	UNKNOWN	16.58	180	J
21.	UNKNOWN	16.98	210	J
22.	UNKNOWN	17.78	190	J
23.	UNKNOWN	18.16	130	J
24.	UNKNOWN	18.77	150	J
25.	UNKNOWN	19.45	290	J
26.	UNKNOWN	20.35	390	J
27.	UNKNOWN	21.02	.200	J
28.	UNKNOWN	21.82	190	J
29.	UNKNOWN	23.07	520	J
30.				-

Su 09/15/04

FORM I SV-TIC

C002476

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0001

Matrix: (soil/water) SOIL

Lab Sample ID: 040773-20

Sample wt/vol: 30.0 (g/mL) G

LOW

Lab File ID: JM040

Level:

(low/med)

Date Received: 08/06/04

% Moisture: 18

Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/12/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 5.7

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 29

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
41.	UNKNOWN	5.36	270	T
2.	UNKNOWN	6.16	380	5
3.	UNKNOWN	7.62	510	J
4.	UNKNOWN	7.68	140	J
5.	UNKNOWN	9.68	170	J
6.	UNKNOWN	9.75	150	J
7. 0-00-0	DECAHYDRO-4,4,8,9,10-PENTAME	9.95		ŊJ
8.	UNKNOWN	10.03	130	J
9.	UNKNOWN	10.51	170	J
10.	UNKNOWN	10.60	260	J
11.	UNKNOWN	11.55	350	J
12.	UNKNOWN .	12.04	350	J
13. 57-10-3	HEXADECANOIC ACID	12.26	230	NJ
14.	UNKNOWN .	12.36	600	J.
15.	UNKNOWN	12.46	130	J
16.	UNKNOWN	12.76	1400	J
17.	UNKNOWN	13.08	600	J
18. 123-95-5	OCTADECANOIC ACID, BUTYL EST	13.76	880	ŊJ
19.	UNKNOWN	13.94	360	J
20.	UNKNOWN	14.76	140	J
21.	UNKNOWN	15.31	170	J
22.	UNKNOWN	15.45	230	J
23.	UNKNOWN	15.79		J
24.	UNKNOWN	16.55	130	J
25.	UNKNOWN	17.10	220	J
26.	UNKNOWN	(17.71		J
27.	UNKNOWN	18.93	_ + +	J
28.	UNKNOWN	21.49		J
29.	UNKNOWN	23.01	140	J
30.				_

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FORM I SV-TIC

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

C0029

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0021

Matrix: (soil/water) SOIL

Lab Sample ID: 040790-04

Sample wt/vol:

30.1 (g/mL) G

Lab File ID: K9764

Level:

(low/med)

LOW

Date Received: 08/06/04

% Moisture: 23

Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/17/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 5.2

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.09	160	==== J
2.	UNKNOWN	10.64	230	J
3.	UNKNOWN	12.13	270	J
4.				
5.				
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7.				
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Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC:

Case No.: 33178

SAS No.:

SDG No.: C0021

Matrix: (soil/water) SOIL

Lab Sample ID: 040790-05

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: K9765

Level:

(low/med)

LOW

Date Received: 08/06/04

% Moisture: 24

Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/17/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 5.5

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALCOHOL/ALKENE	10.09	380	J=====
2.	UNKNOWN ALCOHOL/ALKENE	10.64	510	J
3.			<u> </u>	
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FORM I SV-TIC



Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0021

Matrix: (soil/water) SOIL

Lab Sample ID: 040790-01

Sample wt/vol: 30.4 (g/mL) G

-- - / / ->

Lab File ID: K9761

Level:

(low/med)

LOW

Date Received: 08/06/04

% Moisture: 41

Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume:

500 (யி)

Date Analyzed: 08/17/04

Injection Volume:

Number TICs found: 10

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 5.6

Extraction: (Type) SONC

CONCENTRATION UNITS:

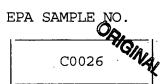
(ug/L or ug/Kg) ug/Kg

1			<del>1 '</del>	
CAS NUMBER	COMPOUND NAME	, RT	EST. CONC.	Q
1.	UNKNOWN	10.44	210	J
2.	UNKNOWN	10.69	320	J
3.	UNKNOWN	10.82	800	J
4. 6971-40-0	17-PENTATRIACONTENE	11.00	960	NJ
5.	UNKNOWN	11.10	290	J
6.	UNKNOWN	11.38	2.60	J
7.	UNKNOWN	11.54	250	J
8.	UNKNOWN	11.57	1000	J
9.	UNKNOWN	12.03	540	J
10.	UNKNOWN	13.91	830	J
11.				
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FORM I SV-TIC

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS



Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0021

Matrix: (soil/water) SOIL

Lab Sample ID: 040790-06

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: K9766

Level:

(low/med)

LOW

Date Received: 08/06/04

% Moisture: 23 Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume: 500(uL)

Date Analyzed: 08/17/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 5.3

Extraction: (Type) SONC

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Tg) ug/Kg

l ————————————————————————————————————		<u> </u>		
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.68	320	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.		<b> </b>		
12.	· · · · · · · · · · · · · · · · · · ·	ļ		
13.		ļ		
14.				·
15. 16.		<del>                                     </del>		
$\frac{10.}{17.}$				
$\frac{17.}{18.}$		<del>                                     </del>		
$\frac{18.}{19.}$		<del> </del>		
20		<del> </del>		
20.				
$\frac{21}{22}$ .				
23.		<u> </u>		
24.		<del>                                     </del>		<del></del>
25.	· ·	<del>                                     </del>		
26.	·	<del> </del>		
$\frac{20.}{27.}$				
28.			· · · · · · · · · · · · · · · · · · ·	
29.		<del> </del>		
30.		<del> </del>		
JV.		J		

FORM I SV-TIC

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.: SDG No.: C0021

Matrix: (soil/water) SOIL

Lab Sample ID: 040790-02

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: K9762

Level:

(low/med)

LOW

Date Received: 08/06/04

% Moisture: 31

Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume: 500(uL)

Date Analyzed: 08/17/04

Injection Volume:

2.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y pH: 5.5

Extraction: (Type) SONC

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	<b>.</b>		=======================================	=====
$\frac{1}{2}$	UNKNOWN	10.10	250	
2.	UNKNOWN	10.66	440	
3.	UNKNOWN	10.81	630	<del></del>
4.	UNKNOWN	11.54	460	J
5.	UNKNOWN	11.98	320	J
6.	UNKNOWN	13.02	2100	
7.	UNKNOWN .	13.88	1300	
8.	UNKNOWN	15.08	1200	J
9.	ÜNKNOWN	16.28	1900	J
10.				
11.				
12.				
13.				<u> </u>
14.				
15.				
16.				
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18.	·			
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29.		<del>                                     </del>		
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				1

EPA SAMPLE NO.



Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0021

Matrix: (soil/water) SOIL

Lab Sample ID: 040790-03

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: K9763

Level:

(low/med)

LOW

Date Received: 08/06/04

% Moisture: 27

Decanted: (Y/N) Y

Date Extracted: 08/09/04

Concentrated Extract Volume:

500 (uL)

Date Analyzed: 08/17/04

Injection Volume:

Number TICs found: 13

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) Y

pH: 6.0

Extraction: (Type) SONC

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	I ————————————————————————————————————	<del></del>	1	<del>r'</del>	<del></del>
1. UNKNOWN 7.49 190 J 2. UNKNOWN 8.46 230 J 3. UNKNOWN 8.85 200 J 4. UNKNOWN 9.93 150 J 5. UNKNOWN 10.10 290 J 6. UNKNOWN 10.58 240 J 7. UNKNOWN 10.66 330 J 8. UNKNOWN 10.66 330 J 9. UNKNOWN 11.99 450 J 10. UNKNOWN 11.99 450 J 11. UNKNOWN 11.99 450 J 11. UNKNOWN 14.16 1200 J 12. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 15.08 5400 J 14. 16 15.	,	COMPOUND NAME			. ~
3. UNKNOWN 8.85 200 J 4. UNKNOWN 9.93 150 J 5. UNKNOWN 10.10 290 J 6. UNKNOWN 10.58 240 J 7. UNKNOWN 10.66 330 J 8. UNKNOWN ALCOHOL/ALKENE 11.54 360 J 9. UNKNOWN 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN ALDEHYDE 13.87 1400 J 12. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14.				l	
3. UNKNOWN 8.85 200 J 4. UNKNOWN 9.93 150 J 5. UNKNOWN 10.10 290 J 6. UNKNOWN 10.58 240 J 7. UNKNOWN 10.66 330 J 8. UNKNOWN ALCOHOL/ALKENE 11.54 360 J 9. UNKNOWN 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN ALDEHYDE 13.87 1400 J 12. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14.		UNKNOWN	8.46	230	J
5. UNKNOWN 10.10 290 J 6. UNKNOWN 10.58 240 J 7. UNKNOWN 10.66 330 J 8. UNKNOWN ALCOHOL/ALKENE 11.54 360 J 9. UNKNOWN ALDEHYDE 11.87 1400 J 11. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN 15.08 5400 J 13. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14. 15. 16. 17. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19		UNKNOWN			J
6. UNKNOWN 10.58 240 J 7. UNKNOWN 10.66 330 J 8. UNKNOWN ALCOHOL/ALKENE 11.54 360 J 9. UNKNOWN ALDEHYDE 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14. 16. 17. 16. 17. 17. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	4.	UNKNOWN	9.93	150	J
7. UNKNOWN 10.66 330 J 8. UNKNOWN ALCOHOL/ALKENE 11.54 360 J 9. UNKNOWN 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.	5.	UNKNOWN	10.10	290	J
8. UNKNOWN ALCOHOL/ALKENE 11.54 360 J 9. UNKNOWN 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14. 15.	6.	UNKNOWN	10.58	240	J
9. UNKNOWN 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14.	7.	UNKNOWN	10.66	330	J
9. UNKNOWN 11.99 450 J 10. UNKNOWN ALDEHYDE 13.87 1400 J 11. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14.	8.	UNKNOWN ALCOHOL/ALKENE	11.54	360	J
11. UNKNOWN 14.16 1200 J 12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14.	9.		11.99	450	J
12. UNKNOWN 15.08 5400 J 13. UNKNOWN 16.28 1600 J 14.	10.		13.87	1400	J
13. UNKNOWN 16.28 1600 J 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.			14.16	1200	J
14.         15.         16.         17.         18.         19.         20.         21.         22.         23.         24.         25.         26.         27.         28.         29.	12.	UNKNOWN	15.08	5400	Ĵ
15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	13.	UNKNOWN	16.28	1600	J
16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					
17.         18.         19.         20.         21.         22.         23.         24.         25.         26.         27.         28.         29.			,		
18.         19.         20.         21.         22.         23.         24.         25.         26.         27.         28.         29.					
19. 20. 21. 22. 22. 23. 24. 25. 26. 27. 28. 29.					
20.         21.         22.         23.         24.         25.         26.         27.         28.         29.				-	
21.         22.         23.         24.         25.         26.         27.         28.         29.					
22.         23.         24.         25.         26.         27.         28.         29.					
23.         24.         25.         26.         27.         28.         29.					
24.         25.         26.         27.         28.         29.					
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27.       28.       29.	25.				
28. 29.					
29.					
				•	
	30.				

EPA SAMPLE NO.



Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178

SAS No.:

SDG No.: C0032

Matrix: (soil/water) WATER

Lab Sample ID: 040791-03

Sample wt/vol: 1000 (q/mL) ML

Lab File ID: K9772

Level:

(low/med)

Date Received: 08/06/04

% Moisture:

Decanted: (Y/N)

Date Extracted: 08/10/04

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 08/17/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

Extraction: (Type) CONT

CONCENTRATION UNITS:

Number TICs found: 6 (uq/L or uq/Kq) uq/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	11.13	8	_ {
$-\frac{1}{2}$ .	UNKNOWN SILOXANE	11 52	10	J
<del>-3.</del>	UNKNOWN SILOXANE	11 95	9-	<del>-</del>
	UNKNOWN SILOXANE	12.44	14	J
	UNKNOWN SILOXANE	13 03	10	J
6:	UNKNOWN SILOXANE	13.73	6	<del></del>
7.				
8.	1.			
9.				
10.	,			
11.				
12.				
13.	:			
14.	<u> </u>			
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16.			-	
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29.				
30.				

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FORM I SV-TIC

C0036

#### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

1G

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.: SDG No.: C0038

Matrix: (soil/water) WATER Lab Sample ID: 040774-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: K9741

Level: (low/med) LOW Date Received: 08/06/04

% Moisture: Decanted: (Y/N) Date Extracted:08/10/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/16/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N \_\_\_\_ : Hq Extraction: (Type) CONT

CONCENTRATION UNITS: Number TICs found: 1 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q ====
	KNOWN	13.03		J
2.				
3.	_			
4.				_
5.				
6.				
7.				
8.		1		
10.				
11.				
12.				
13.				
14.				
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26.				
27.			<u> </u>	
28.				-
29. 30.	<u> </u>			

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0038

Matrix: (soil/water) WATER

Lab Sample ID: 040774-10

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: JM061

Level:

(low/med)

LOW

Date Received: 08/05/04

% Moisture: Decanted: (Y/N)

Date Extracted: 08/09/04

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/13/04

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1. 134-62-3	DIETHYLTOLUAMIDE	10.57	2	NJ
2.				
3.				
4.				
5.		·	<del> </del>	
6.		<del></del>		
7.				
8. 9.				
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11.				<u> </u>
12.	· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>		
13.				
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16.				
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26. 27.				
28.		ļ	·	
28. 29.				
30.				

Contract: 68-W-03-018

Lab Name: CEIMIC CORP

Lab Code: CEIMIC Case No.: 33178 SAS No.:

SDG No.: C0038

Matrix: (soil/water) WATER

Lab Sample ID: 040774-12

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: JM063

Level: (low/med)

LOW

Date Received: 08/05/04

% Moisture:

Decanted: (Y/N)

Date Extracted: 08/09/04

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 08/13/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1. 143-07-7	DODECANOIC ACID	10.27	11.	
2. 0-00-0	6-HEXYLHEXAN-6-OLIDE	12.09	8	ŊĴ
3.	UNKNOWN	13.85	3	J
4.	UNKNOWN	14.98		J
5.	UNKNOWN	16.45	6	J
6.				
7.				
8.				
9.				
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11.		ļ		
12.	•			
13. 14.				
15.		<del> </del>		
16.				
17.		<del>                                     </del>		
18.				
19.		<del> </del>		
20.				
21.		<del>                                     </del>		<del></del>
22.				
23.		1		
24.				
25.				a
26.				
27.				
28.				
29.				
30.				

Lab Name: CEIMIC CORP Contract: 68-W-03-018 C0046

Lab Code: CEIMIC

Case No.: 33178 SAS No.:

SDG No.: C0038

Matrix: (soil/water) WATER

Lab Sample ID: 040774-09

Sample wt/vol: 1000

(g/mL) ML

LOW

Lab File ID: JM060

Level:

(low/med)

Date Received: 08/05/04

% Moisture:

Decanted: (Y/N)

Date Extracted: 08/09/04

Concentrated Extract Volume:

Date Analyzed: 08/13/04

Injection Volume:

2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH:

1000 (uL)

Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	12.24	2	J
2.	UNKNOWN	12.85	6	J
3.	UNKNOWN	13.83	16	
4.	UNKNOWN	14.94	23	J.
5.	UNKNOWN	16.42	16	J
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EPA SAMPLE NO.

Lab Name: CEIMIC CORP Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.: SDG No.: C0038

Matrix: (soil/water) WATER

Lab Sample ID: 040774-06

Sample wt/vol: 1000 (q/mL) ML

Lab File ID: JM058

Level: (low/med) LOW

Date Received: 08/05/04

% Moisture: \_\_\_\_ Decanted: (Y/N)\_\_\_

Date Extracted: 08/09/04

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/13/04

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_

Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		=======		=====
1. 111-82-0	DODECANOIC ACID, METHYL ESTE	10.05		NJ
2. 143-07-7	DODECANOIC ACID	10.28	13	
3. 28994-41-4	PHENOL, 2-(PHENYLMETHYL)-	11.20	3	NJ
4.	,			
5.				
6.				
7.				
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25.			<del> </del>	·
26.				
$\frac{20.}{27.}$				
28.	<u> </u>	,		
29.				
30.				

EPA SAMPLE NO.

C0052

Lab Name: CEIMIC CORP

Contract: 68-W-03-018

Lab Code: CEIMIC Case No.: 33178 SAS No.:

SDG No.: C0038

Matrix: (soil/water) WATER

Lab Sample ID: 040774-04

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: JM056

Level:

(low/med)

LOW

Date Received: 08/05/04

% Moisture: Decanted: (Y/N)\_\_\_

Date Extracted: 08/09/04

2.0(uL)

Date Analyzed: 08/13/04

Injection Volume:

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

Concentrated Extract Volume: 1000(uL)

pH:

Extraction: (Type) CONT

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
-1.	UNKNOWN SILOXANE	13.83	-2	J
$\frac{1}{2}$ .	UNKNOWN SILOYANE	14 94	3	J
-3:	UNKNOWN SILOXANE	16.41	4	J
4.				
5.				
6.				
7.				
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10.		· ·		
11.	·			
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54 09/22/04.

FORM I SV-TIC

### Appendix D

**Chain-of-Custody Records** 

.⊈FDΛ	USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Reco
	<b>Organic Traffic Report &amp; Chain of Custody Reco</b>

Case No:	33178	D
DAS No:	R31935	

Region: Project Code:	3				8/3/2004 FedEx		Chain of Custo	ody Record		8 ampler 8 ign ature:	
Account Code:	†03W302DE	†03W302DD2CE319LA00 MDSFN0305563 E319 Route 7 Dump/New Jersey Fireworks/MD .				)	Relinquished By	Relinquished By (Date / Time)		Received By	(Date / Time)
CERCLIS ID:	MDSFN0305						1	1			
Spill ID:	E319									<del></del>	
Site Name/State	Route 7 Dur					2	· ·				
Project Leader:						3					
Action:	Expanded Site Investigation/RI						···			,	
Sampling Co:	MDE-ERRP						4			• · · · • · ·	
ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No PRESERVATIV		STATION LOCATION		IPLE COLLECT DATE: TIME		RGANIC PLE No.	QC Type
C0004	Soil (0"-12")/	IJĠ	BNA/Pests (21), VOA S (21)	122 (Ice Only), 12 Only), 124 (Ice Or		S14	S: 8/3/200	11:30	me	10004 WS	
C0014	Soil (>12")/	IJG	BNA/Pests (21), VOA S (21)	162 (Ice Only), 16 Only), 164 (Ice Or		<b>SS13</b>	S: 8/3/200	4 12:10	mo	70014 Am	-

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: ,	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNA/Pests = CLP SVO	s + Pest, VOA S = CLP VOCs (SOLIDS)		(A)

TR Number: 3-592370820-080304-0006
PR provides preliminary results. Requests for preliminary results will increase analytical costs.

REGION COPY

Case No: 33178

DAS No: R31935

Region: Project Code:	· .	Date Shipped: Carrier Name:	8/3/2004 FedEx	Chain of Custody Re	cord	Sampler Signature:		
Account Code:	†03W302DD2CE319LA00	Airbili:	843517786259	Relinquished By	(Date / Time)	Received By	(Date / Time)	
CERCLIS ID: Spill ID:	MDSFN0305563 E319	Shipped to:	Ceimic Corporation	1				
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD	[	10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	2				
Project Leader: Action:	Expanded Site Investigation/RI			3				
Sampling Co:	MDE-ERRP	s seasons as as some	and the set of the control of the co	4		~		

ORGANIC SAMPLE No.	MATRIX/ Sampler	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	٠, ٧	QC Type
C0001	Soil (0"-12")/	L/G	BNA/Pests (21), VOA S (21)	100 (Ice Only), 111 (Ice Only), 112 (Ice Only) (3)	S11	S: 8/3/2004	12:30	MC0001	ows	-
C0008	Soil (0"-12")/	L/G	BNA/Pests (21), VOA S (21)	138 (ice Only), 139 (ice Only), 140 (ice Only) (3)	S22	S: 8/3/2004	10:20	mc0008	ms	-
C0019	Soil (>12")/	L/G	BNA/Pests (21), VOA S (21)	183 (Ice Only), 184 (Ice Only), 185 (Ice Only) (3)	SS24	S: 8/3/2004	10:50	MC0019	44-	-

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
BNA/Pests = CLP SVO	Ds + Pest, VOA S = CLP VOCs (SOLIDS)		<b>Q.</b> (	

TR Number: 3-592370820-080304-0008
PR provides preliminary results. Requests for preliminary results will increase analytical costs.

REGION COPY



Case No: 33178 DAS No: R31935

Region: Chain of Custody Record 3 Sampler Date Shipped: 8/3/2004 **Project Code:** Skin ature: Carrier Name: FedEx Account Code: †03W302DD2CE319LA00 Relinquished By (Date / Time) Received By (Date / Time) Airbill: 843517786259 CERCLIS ID: MDSFN0305563 Shipped to: Ceimic Corporation Spill ID: E319 10 Dean Knauss Drive 2 Site Name/State: Narragansett RI 02882 Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 Project Leader: Expanded Site Investigation/RI Action: Sampling Co: MDE-ERRP

					#			i	
ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		E COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0003	Soil (0"-12")/	L∕G	BNA/Pests (21), VOA S (21)	109 (Ice Only), 110 (Ice Only), 115 (Ice Only), 116 (Ice Only), 117 (Ice Only), 118 (Ice Only), 119 (Ice	S13	S: 8/3/2004	12:05	MC 00 03 Y	Solid Spike
0011	Soil (0"-12")/	ĽG	BNA/Pests (21), VOA S (21)	Only), 120 (Ice Only) (8) 150 (Ice Only), 151 (Ice Only), 152 (Ice Only) (3)	S25	S: 8/3/2004	10:00	MCOOII YW	Duplicate of S21
0015	Soil (>12")/	ĽG	BNA/Pests (21), VOA S (21)	166 (ice Only), 167 (ice Only), 168 (ice Only) (3)	SS14	S: 8/3/2004	11:35	mc0015 `	-
0017	Soil (>12")/	L/G	BNA/Pests (21), VOA S (21)	175 (Ice Only), 176 (Ice Only), 177 (Ice Only) (3)	SS22	S: 8/3/2004	10:25	MC0017	. <del>-</del>

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	C0003		
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
BNA/Pests = CLP SVO	S + Pest, VOA S = CLP VOCs (SOLIDS)		

TR Number: 3-592370820-080304-0012



Case No:

33178

DAS No:

R31935

Region:	3	Date Shipped:	8/5/2004	Chain of Custody Re	cord	Sampler	· · · · · · · · · · · · · · · · · · ·
Project Code:		Carrier Name:	FedEx	1		Sign ature:	
Account Code:	†03W302DD2CE319LA00	Airbill:	843517786226	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN0305563	Shipped to:	Ceimic Corporation	1			<del></del>
Spill ID:	E319	Cimpped to:	10 Dean Knauss Drive				<u></u>
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD	1	Narragansett RI 02882	2			
Project Leader:		1	(401) 782-8900	2			
Action:	Expanded Site Investigation/RI		•	3			· ·
Sampling Co:	MDE-ERRP			4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0021	Sediment/	L/G	BNA/Pests (21), VOA S (21)	191 (Ice Only), 192 (Ice Only), 193 (Ice Only) (3)	SED1	S: 8/5/2004	11:25	mc0021 pm	_
C0022	Sediment/	L/G	BNA/Pests (21), VOA S (21)	195 (Ice Only), 196 (Ice Only), 197 (Ice Only) (3)	SED2	S: 8/5/2004	11:45	mc0022 pus	<del></del>
C0029	Surface Water/	L/G	BNAs (21), Pesticides (21)	223 (Ice Only), 224 (Ice Only) (2)	SW1	S: 8/5/2004	11:20	MC0029	
C0030	Surface Water/	L/G	BNAs (21), Pesticides (21)	227 (Ice Only), 228 (Ice Only) (2)	SW2	S: 8/5/2004	11:40	MC0030	

Ship ment for Case Complete? N Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNA/Pests = CLP SVOC	s + Pest, BNAs = CLP SVOCs, Pesticides = CLP Pest, VO	AS = CLP VOCs (SOLIDS)	

TR Number: 3-592370820-080504-0005 **REGION C** 



Case No:

(Date / Time)

33178

DAS No:

Chain of Custody Record

Relinquished By

R31935

Sampler

Signature:

Received By

(Date / Time)

Region: 3

**Project Code: Account Code:** 

T03W302DD2CE319LA00

CERCLIS ID:

MDSFN0305563

Spill ID:

E319

Site Name/State: Route 7 Dump/New Jersey Fireworks/MD

Project Leader:

Action:

Expanded Site Investigation/RI

Sampling Co:

MDE-ERRP

Date Shipped:

Airbill:

8/5/2004 FedEx

Carrier Name:

843517786226

Shipped to:

Ceimic Corporation

10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900

2

3

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0023	Sediment/	Ľ∕G	BNA/Pests (21), VOA S (21)	199 (Ice Only), 200 (Ice Only), 201 (Ice Only) (3)	SED3	S: 8/5/2004	11:20	Mc0023	-
C0024	Sediment/	L/G	BNA/Pests (21), VOA S (21)	203 (Ice Only), 204 (Ice Only), 205 (Ice Only) (3)	SED4	S: 8/5/2004	10:25	mcoozy pus	 •
C0025	Sediment/	L/G	BNA/Pests (21), VOA S (21)	207 (Ice Only), 208 (Ice Only), 209 (Ice Only) (3)	SED5	S: 8/5/2004	9:50	mc0025 1	
C0031	Surface Water/	L/G	BNAs (21), Pesticides (21)	232 (Ice Only), 233 (Ice Only) (2)	SW3	S: 8/5/2004	11:15	MC0031	-
C0033	Surface Water/	L/G	BNAs (21), Pesticides (21)	240 (Ice Only), 241 (Ice Only) (2)	. SW5	S: 8/5/2004	9:45	MC0033	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
pws	1	·	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab ≈ G	Shipment Iced?
BNA/Pests = CLP SVOC	s + Pest, BNAs = CLP SVOCs, Pesticides = CLP Pest, VOA	S = CLP VOCs (SOLIDS)	

TR Number: 3-592370820-080504-0002



Case No: 33178 DAS No: R31935

Region: 3 Chain of Custody Record Sampler Date Shipped: 8/5/2004 Signature: **Project Code:** Carrier Name: FedEx T03W302DD2CE319LA00 Relinquished By **Account Code:** (Date / Time) Received By (Date / Time) Airbill: 843517786226 CERCLIS ID: MDSFN0305563 Shipped to: Ceimic Corporation Spill ID: E319 10 Dean Knauss Drive 2 Narragansett RI 02882 Site Name/State: Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 **Project Leader:** 3 Expanded Site Investigation/RI Action: 4 Sampling Co: MDE-ERRP

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0034	Surface Water/	L/G	BNAs (21), Pesticides (21)	244 (Ice Only), 245 (Ice Only) (2)	SW6	S: 8/5/2004	9:30	MC0034	-
C0037	Surface Water/	Ľ/G	BNAs (21), Pesticides (21)	256 (Ice Only), 257 (Ice Only) (2)	SW9	S: 8/5/2004	10:30	MC0037	
C02B8	Surface Water/	IJĠ	VOA A (21)	2229 (HCL), 2230 (HCL) (2)	SW15	S: 8/5/2004	9:00		Trip Blank

Shipment for Case Complete? N Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:		
Analysis Key: .	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?		
BNAs = CLP SVOCs, Pe	esticides = CLP Pest, VOA A = CLP VOCs (AQUEOUS)				

TR Number: 3-592370820-080504-0003

Case No: 33178 R

Region: Project Code:	3	Date Shipped: Carrier Name:	8/5/2004 FedEx	Chain of Custody Red	cord	Sampler Signature:	
Account Code:	T03W302DD2CE319LA00	Airbii:	843517786226	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID: Spill ID:	MDSFN0305563 E319	Shipped to:	Ceimic Corporation 10 Dean Knauss Drive	1			
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD		Narragansett RI 02882	2			
Project Leader:			(401) 782-8900	3			
Action:	Expanded Site Investigation/RI			<del></del>	<u></u>		
Sampling Co:	MDE-ERRP	ra en en en en en en en en en en en en en		4		1	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	Analysie/ Turnaround	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0027	Sediment/	L/G	BNA/Pests (21), VOA S (21)	215 (Ice Only), 216 (Ice Only), 217 (Ice Only) (3)	SED7	S: 8/5/2004	8:50	MC0027	พร
C0028	Sediment/	L/G	BNA/Pests (21), VOA S (21)	219 (Ice Only), 220 (Ice Only), 221 (Ice Only) (3)	SED8	S: 8/5/2004	8:55	m(oozs 1	Duplicate of SED7
C0035	Surface Water/	L/G	BNAs (21), Pesticides (21)	248 (Ice Only), 249 (Ice Only) (2)	SW7	S: 8/5/2004	8:35	MC0035	-
C0036	Surface Water/	ĽG	BNAs (21), Pesticides (21)	252 (Ice Only), 253 (Ice Only) (2)	SW8	S: 8/5/2004	8:40	MC0036	Duplicate of SW7

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
BNA/Pests = CLP SVOC	s + Pest, BNAs = CLP SVOCs, Pesticides = CLP Pest, VOA	AS = CLP VOCs (SOLIDS)	

TR Number: 3-592370820-080504-0009

REGION COPY

Case No: 33178

DAS No: R31935

Region: 3 Chain of Custody Record Sampler Date Shipped: 8/4/2004 Signature: **Project Code:** Carrier Name: FedEx **Account Code:** T03W302DD2CE319LA00 Relinquished By (Date / Time) Received By (Date / Time) Airbili: 843517786237 CERCLIS ID: MDSFN0305563 1 Shipped to: Ceimic Corporation Splii ID: E319 10 Dean Knauss Drive 2 Site Name/State: Narragansett RI 02882 Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 Project Leader: 3 **Expanded Site Investigation/RI** Action: Sampling Co: MDE-ERRP SEATOW! ANAI VRIS/ OPCANIC CONC TAG No.

SAMPLE No.	SAMPLER	TYPE	TURNAROUND	PRESERVATIVE/ Bottles	LOCATION	DATE!		SAMPLE No.	Туре	
C0039	Surface Water/	ĽG	BNAs (21), Pesticides (21)	262 (Ice Only), 263 (Ice Only) (2)	SW12	S: 8/4/2004	12:15	MC0039	Field Blank	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite ≈ C, Grab = G	Shipment iced?
BNAs = CLP SVOCs, Pe	esticides = CLP Pest		

TR Number: 3-592370820-080404-0005



C0047

Ground Water/

L/G

## USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record

(21)

(21)

Only) (2)

Only) (2)

BNAs (21), Pesticides 292 (Ice Only), 293 (Ice

Case No:

33178

DAS No:

R31935

R

Region: Project Code:	3		Date Shipped: 8/4/2004 Carrier Name: FedEx		Chain of Cus	tody Record	Sampler Sign ature:		
Account Code:	ERCLIS ID: MDSFN0305563	Airbill: 8435177862	237	Relinquished By	(Date	/ Time)	Received By	(Date / Time)	
CERCLIS ID:			Shipped to: Ceimic Corp		1			,	
Spill ID: Site Name/State	E319 Route 7 Dump/New J	ersey Fireworks/MD	Narraganset		2		· · · · · · · · · · · · · · · · · · ·		
Project Leader: Action:	Expanded Site Investi	gation/RI	(401) 782-89		3				· · · · · · · · · · · · · · · · · · ·
Sampling Co:	MDE-ERRP	en erenge vilkers enne e kaj garagan gastrist ji i k	and the second of the second o	attendagen is said to proceed a state of the contract place of the said of the contract place of the said of the s	.4 ····································	, the state of the		The of the the section of the secondary	
ORGANIC SAMPLE No.	MATRIX/ CONC/ SAMPLER TYPE	ANALYSIS/ TURNAROUND	. TAG No./ PRESERVATIVE/Bottles	STATION LOCATION	SA	MPLE COLLECT DATE/TIME		RGANIC PLE No.	QC Type
C0042	Ground Water/ L/G	BNAs (21), Pesticides	272 (Ice Only), 273 (Ice	MW1	S: 8/4/20	04 10:30	MC004	2	-

MW4

S: 8/4/2004

10:45

MC0047

Ship ment for Case Complete? N	Sample(s), to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNAs = CLP SVOCs,	Pesticides = CLP Pest		all by

TR Number: 3-592370820-080404-0003
PR provides preliminary results. Requests for preliminary results will increase analytical costs.

REGION COPY



Case No:

33178

DAS No:

R31935

Region: Project Code:	3	·			8/4/2004 FedEx	•		Chain of Custody Record				Sampler Signature:		
Account Code:				Airbill:	84351778623	37	Relin	quished By	(Date /	Time)	Received By	(D	ate / Time)	
CERCLIS ID:	Spill ID: E319			Shipped to:	Ceimic Corpo	oration	1							_
						Dean Knauss Drive		<del></del>	<del></del>					_
Site Name/State: Route 7 Dump/New Jersey Fireworks/MD				Narragansett RI 02882 (401) 782-8900			<u></u>							
I -		ida dan sa ad	::(D)	ļ.	(401) 702-030	00	3							
Action:	Expanded Si		igation/Ki									<del></del>	<del></del>	-
Sampling Co:	MDE-ERRP						<u> </u>							
ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG ( PRESERVATI		STATION LOCATION	٠.		E/TIME		RGANIC PLE No.	QC Type		
C0043	Ground Water/	ĽG	BNAs (21), Pesticides (21)	276 (Ice Only), 2 Only) (2)	77 (Ice	MW1A		S: 8/4/2004	11:10	MC0043	}	· ·		
C0044	Ground Water/	ĽG	BNAs (21), Pesticides (21)	280 (Ice Only); 2 Only) (2)	81 (Ice	MW2		S: 8/4/2004	12:20	MC0044			•	

Ship ment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
BNAs = CLP SVOCs, P	esticides = CLP Pest		and the same of th

TR Number:

3-592370820-080404-0004



Case No:

33178

DAS No:

R31935

Region: Project Code:	3	Date Shipped: Carrier Name:	8/4/2004 FedEx	Chain of Custody	Record	Sampler Signature:	
Account Code:	T03W302DD2CE319LA00	Airbili:	843517786237	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID: Spill ID:	MDSFN0305563 E319	Shipped to:	Ceimic Corporation	1			
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD		10 Dean Knauss Drive Narragansett RI 02882	2			
Project Leader: Action:	Expanded Site Investigation/RI		(401) 782-8900	3	· · · · · · · · · · · · · · · · · · ·		
Sampling Co:	MDE-ERRP	the same only and the same of	للما الوارا الماليات والمنطور والمناف المالية المالية المناف المالية المناف المناف المناف المناف المناف المناف	4	Market Market by the time of time of time of the time of time	N N THE PROPERTY OF THE COME OF	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
C0040	Surface Water/	L/G	VOA A (21)	266 (HCL), 267 (HCL) (2)	SW13	S: 8/4/2004 12:17		Trip Blank
C0045	Ground Water/	L/G	BNAs (21), Pesticides (21)	284 (Ice Only), 285 (Ice Only) (2)	MW3	S: 8/4/2004 13:25	MC0045	<del></del> .
C0046	Ground Water/	ĽG	BNAs (21), Pesticides (21)	288 (Ice Only), 289 (Ice Only) (2)	MW3A	S: 8/4/2004 14:00	MC0046	

Shipment for Case	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:		
Complete? N			,		
Analysis Key: ,	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?		
BNAs = CLP SVOCs, Pe	esticides = CLP Pest, VOA A = CLP VOCs (AQUEOUS)		200 : ALL		

TR Number: 3-592370820-080404-0001



Case No:

33178

DAS No:

R31935

	Date Shipped: Carrier Name:		Chain of Custody	Record	Sampler Signature:	
M202DD2CE240LA00		843517786226	Relinquished By	(Date / Time)	Received By	(Date / Time)
SFN0305563	Shipped to:	Ceimic Corporation	1			
19	••	10 Dean Knauss Drive	-		<del> </del>	
ute 7 Dump/New Jersey Fireworks/MD			2			
panded Site Investigation/RI		(101) 102 0000	3			
E-ERRP	• · · ·	. <b></b>	4			
S	N302DD2CE319LA00 6FN0305563 9 te 7 Dump/New Jersey Fireworks/MD anded Site Investigation/RI	N302DD2CE319LA00 SFN0305563 9 te 7 Dump/New Jersey Fireworks/MD anded Site Investigation/RI	Carrier Name: FedEx AlrbIII: 843517786226 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Carrier Name: FedEx Alrbill: 843517786226 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett Rt 02882 (401) 782-8900  Carrier Name: FedEx Relinquished By 1 2 3	Carrier Name: FedEx Airbill: 843517786226 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900  Carrier Name: FedEx Relinquished By (Date / Time) 1 2 3	Carrier Name: FedEx Airbill: 843517786226 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900  Carrier Name: FedEx Relinquished By (Date / Time) Received By  Received By  1 2 3

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0026	Sediment/	L/G	BNA/Pests (21), VOA S (21)	211 (Ice Only), 212 (Ice Only), 213 (Ice Only) (3)	SED6	S: 8/5/2004	9:35	mc0026	
C0032	Surface Water/	ĽG	BNAs (21), Pesticides (21)	236 (Ice Only), 237 (Ice Only) (2)	SW4	S: 8/5/2004	10:20	MC0032	<del></del>
C0041	Surface Water/	L/G	BNAs (21), Pesticides (21)	268 (ice Only), 269 (ice Only) (2)	SW14	S: 8/5/2004	10:50	MC0041	Field Blank

Ship ment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?	
BNA/Pests = CLP SVOC	S + Pest, BNAs = CLP SVOCs, Pesticides = CLP Pest, VO	A S = CLP VOCs (SOLIDS)	Wallet .	

TR Number: 3-592370820-080504-0007

Case No:

33178

DAS No:

R31935

R

Region: Project Code: Account Code:	3 †03W302DD2CE319LA00	Date Shipped: Carrier Name: Airbili:	FedEx	Chain of Custody  Relinguished By	Record (Date / Time)	Sampler Signature:	(Date / Time)
CERCLIS ID: Spill ID: Site Name/State:	MDSFN0305563 E319 Route 7 Dump/New Jersey Fireworks/MD	Shipped to:	843517786259 Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882	1			(24.67, 1111.0)
Project Leader: Action: Sampling Co:	Expanded Site Investigation/RI MDE-ERRP		(401) 782-8900	3 4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		E COLLECT ETIME	INORGANIC SAMPLE No.	QC Type
C0002	Soil (0"-12")/	L/G	BNA/Pests (21), VOA S (21)	107 (Ice Only), 113 (Ice Only), 114 (Ice Only) (3)	S12	S: 8/3/2004	. 14:16	mc 0002	0 W <sup>5</sup>
C0006	Soil (0"-12")/	L/G	BNA/Pests (21), VOA S (21)	130 (Ice Only), 131 (Ice Only), 132 (Ice Only) (3)	S16	S: 8/3/2004	14:06	mc0006	
C0007	Soil (0"-12")/	L/G	BNA/Pests (21), VOA S (21)	134 (Ice Only), 135 (Ice Only), 136 (Ice Only) (3)	S21	S: 8/3/2004	9:55	me0007 8	_ 
C0049	Ground Water/	L/G	BNAs (21)	306 (Ice Only), 307 (Ice Only), 308 (Ice Only) (3)	PW5	S: 8/3/2004	11:40	MC0049	Spike

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: C0049	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L ≈ Low, M ≈ Low/Medium, H ≈ High	Type/Designate: Composite = C, Grab = G	Shipment iced?	
BNA/Pests = CLP SVO	Cs + Pest, BNAs = CLP SVOCs, VOA S = CLP VOCs (SOL	IDS)	<b>10</b>	

TR Number: 3-592370820-080304-0002

REGION COPY

Case No:

33178

DAS No:

R31935

Region: Project Code:	3	Date Shipped: Carrier Name:	8/3/2004 FedEx	Chain of Custody	Record	Sampler Signature:	
Account Code:	T03W302DD2CE319LA00	Airbill:	843517786259	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN0305563	Shipped to:	Ceimic Corporation	1			
Spiil ID:	E319		10 Dean Knauss Drive		<del></del>		
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD		Narragansett RI 02882	2			
Project Leader:		1	(401) 782-8900	3			
Action:	Expanded Site Investigation/RI				·	<u>.</u>	•
Sampling Co:	MDE-ERRP		····	4			11 94

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		E/TIME	INORGANIC SAMPLE No.	QC Type
C0005	Soil (0"-12")/	L/G	BNA/Pests (21), VOA S (21)	126 (Ice Only), 127 (Ice Only), 128 (Ice Only) (3)	S15 .	S: 8/3/2004	12:35	mc0005 1	Duplicate of S11
· C0012	Soil (>12")/	L/G	BNA/Pests (21), VOA S (21)	154 (Ice Only), 155 (Ice Only), 156 (Ice Only) (3)	SS11	S: 8/3/2004	12:40	mc0012	-
C0049	Ground Water/	ĽG	Pesticides (21)	302 (Ice Only), 303 (Ice Only), 304 (Ice Only) (3)	PW5	S: 8/3/2004	11:40	MC0049	Spike

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: C0049	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High		Shipment iced?
BNA/Pests = CLP SVOC	Cs + Pest, Pesticides = CLP Pest, VOA S = CLP VOCs (SOL	IDS)	·.C

TR Number: 3-592370820-080304-0004



# © EPA USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record

Case No:

33178

DAS No:

R31935

Region: 3 Chain of Custody Record Sampler Date Shipped: 8/4/2004 Signature: **Project Code:** Carrier Name: FedEx **Account Code:** T03W302DD2CE319LA00 Relinquished By (Date / Time) Received By (Date / Time) Airbill: 843517786237 **CERCLIS ID:** MDSFN0305563 Shipped to: **Ceimic Corporation** Spill ID: E319 10 Dean Knauss Drive 2 Narragansett RI 02882 Site Name/State: Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 Project Leader: 3 Expanded Site Investigation/RI Action: MDE-ERRP Sampling Co:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
C0051	Ground Water/	ĽG	BNAs (21), Pesticides (21)	317 (Ice Only), 318 (Ice Only) (2)	GW2	S: 8/4/2004	9:00	MC0051	-
C0052	Ground Water/	ĽG	BNAs (21), Pesticides (21)	321 (Ice Only), 322 (Ice Only) (2)	GW3	S: 8/4/2004	13:25	MC0052	Duplicate of MW3

Ship ment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNAs = CLP SVOCs, Pe	esticides = CLP Pest		

TR Number: 3-592370820-080404-0002

### © EPA USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record

Case No: 33178

DAS No: R31935

Region: 3 Chain of Custody Record Sampler Date Shipped: 8/3/2004 Signature: **Project Code:** Carrier Name: FedEx Account Code: T03W302DD2CE319LA00 Relinguished By (Date / Time) Received By (Date / Time) Airbill: 843517786259 CERCLIS ID: MDSFN0305563 Shipped to: Ceimic Corporation Spill ID: E319 10 Dean Knauss Drive 2 Site Name/State: Narragansett RI 02882 Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 Project Leader: 3 Expanded Site Investigation/RI Action: Sampling Co: MDE-ERRP

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		E/TIME	INORGANIC SAMPLE No.	QC 5 Type
C0009	Soil (0"-12")/	ĽG	BNA/Pests (21), VOA S (21)	142 (Ice Only), 143 (Ice Only), 144 (Ice Only) (3)	S23	S: 8/3/2004	11:05	mc0009	
C0010	Soil (0"-12")/	IJG	BNA/Pests (21), VOA S (21)	146 (Ice Only), 147. (Ice Only), 148 (Ice Only) (3)	S24	S: 8/3/2004	10:45	MC0010 (4	<del>.</del>
C0016	Soil (>12")/	ĽG	BNA/Pests (21), VOA S (21)	171 (ice Only), 172 (ice Only), 173 (ice Only) (3)	SS21	S: 8/3/2004	10:05	Mcool6 W	<u>-</u>
C0018	Soil (>12")/	ĽG	BNA/Pests (21), VOA S (21)	179 (Ice Only), 180 (Ice Only), 181 (Ice Only) (3)	SS23	S: 8/3/2004	11:10	mc0018	-
C0038	Surface Water/	ĽG	VOA A (21)	260 (HCL), 261 (HCL) (2)	SW11	S: 8/3/2004	14:11		Trip Blank

Ship ment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
BNA/Pests = CLP SVOC	s + Pest, VOA A = CLP VOCs (AQUEQUS), VOA S = CLP	VOCs (SOLIDS)	70.

TR Number: 3-592370820-080304-0010

## Generic Chain of Custody

Reference Case: 33178

Client No:

R31935

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	Region: Project Code:	3	Date Shipped: Carrier Name:	8/3/2004 FedEx	Chain of Custody Record		Sampler Signature:	
i	Account Code:	T03W302DD2CE319LA00	Airbill:	843517786259	Relinquished By	(Date / Time)	Received By	(Date / Time)
	CERCLIS ID:	MDSFN0305563	Shipped to:	Celmic Corporation	1			
	Spill ID:	E319	1	10 Dean Knauss Drive	2			<del></del>
	Site Name/State: Project Leader:	Route 7 Dump/New Jersey Fireworks/MD	·	Narragansett RI 02882 (401) 782-8900				
I	Action:	Expanded Site Investigation/RI	•	(10.) 102 0000	3			
1	Sampling Co:	MDE-ERRP			4			
I		***************************************	<u>L</u>		I '		I	

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT	QC Type
CCCO/	Soil (0"-12")/	ĽG	Moisture (21)	2202 (Ice Only) (1)	S11	S: 8/3/2004	12:30	
S22 C0008	Soil (0"-12")/	IJĠ	Moisture (21)	2209 (Ice Only) (1)	S22	S: 8/3/2004	10:20	<b>-</b>
<b>SS24</b> CCO/9	Soil (>12")/	L/G	Moisture (21)	2228 (Ice Only) (1)	SS24	S: 8/3/2004	10:50	<del>-</del>

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture ana	ysis		

TR Number: 3-592370820-080304-0007

# Generic Chain of Custody SEPA Contract Laboratory Program Generic Chain of Custody

Reference Case: 33178

**Client No:** 

R31935

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- 1								
	Region: Project Code:	3	Date Shipped: Carrier Name:	8/3/2004 FedEx	Chain of Custody	Record	Sampler Signature:	
	Account Code:	T03W302DD2CE319LA00	Airbill:	843517786259	Relinquished By	(Date / Time)	Received By	(Date / Time)
	CERCLIS ID:	MDSFN0305563	Shipped to:	Ceimic Corporation	1			
	Spill ID: Site Name/State:	E319		10 Dean Knauss Drive	2			
	Project Leader:	Route 7 Dump/New Jersey Fireworks/MD		Narragansett RI 02882 (401) 782-8900				
	Action:	Expanded Site Investigation/RI			3			
1	Sampling Co:	MDE-ERRP	erich termina tolernami na anne erich	الميسان المساد المداريين الميواني المعادية والمواجد المعادي المسادات المعادية المعادية المعادية المعادية	4	e name con accordent to the gar in the contact as a magnetic field	and the second of the second o	The state of the s

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLEC DATE/TIME	T QC Type
523 COCO 9	Soil (0"-12")/	ĽG	Moisture (21)	2210 (Ice Only) (1)	S23	S: 8/3/2004 11:05	·
S24 COO/D	Soil (0"-12")/	L/G	Moisture (21)	2211 (ice Only) (1)	S24	S: 8/3/2004 10:45	·
SS21 COO16	Soil (>12")/	IJĠ	Moisture (21)	2225 (Ice Only) (1)	SS21	S: 8/3/2004 10:05	-
ss23 COO/8	Soil (>12")/	IJĠ	Moisture (21)	2227 (Ice Only) (1)	SS23	S: 8/3/2004 11:10	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H ≈ High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture ana	lysis		App.

TR Number: 3-592370820-080304-0009



Client No:

R31935

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Region: Project Code:	3	Date Shipped: Carrier Name:	8/3/2004 FedEx	Chain of Custody	Record	Sampler Signature:	
Account Code:	T03W302DD2CE319LA00	Airbill: Shipped to:	843517786259	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN0305563			1			
Spili ID:	E319		10 Dean Knauss Drive	1	<del></del>		
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD	l	Narragansett RI 02882 (401) 782-8900	2			
Project Leader: Action:	Expanded Site Investigation/RI		(401) 702-0300	3			
Sampling Co:	MDE-ERRP	, and and extractly the state of any parameters		and the second second second second			

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION	SAMPLE COLLI DATE/TIME	ECT	QC Type
\$12 COOO 2	Soil (0"-12")/	L∕G	Moisture (21)	2203 (ice Only) (1)	S12	S: 8/3/2004 14:16	3	<u> </u>
S16 C0006	Soil (0"-12")/	ĽG	Moisture (21)	2207 (Ice Only) (1)	S16	S: 8/3/2004 14:06	6	<b>-</b>
S21 C0007	Soil (0"-12")/	L/G	Moisture (21)	2208 (Ice Only) (1)	S21	S: 8/3/2004 9:55		_

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
Moisture = Moisture anal	ysis		C. C.

TR Number: 3-592370820-080304-0001

£FP∆	USEPA Contract Laboratory Generic Chain of Custody	Program
17 had 7"1	Generic Chain of Custody	

MDE-ERRP

Sampling Co:

Reference Case: 33178

Client No:

R31935

K

Region:	3	Date Shipped:	8/3/2004	Chain of Custody R	ecord	Sampler	
Project Code:		Carrier Name:	FedEx	•		Signature:	
Account Code:	T03W302DD2CE319LA00	Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN0305563	Shipped to:	Ceimic Corporation	1	<del></del>		
Spili ID:	E319		10 Dean Knauss Drive				
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD		Narragansett RI 02882	2			•
Project Leader:			(401) 782-8900	,			
Action:	Expanded Site Investigation/RI		:				

				<u> </u>				
SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		E/TIME	QC Type
0003	Soil (0"-12")/	ĽG	Moisture (21)	2204 (Ice Only) (1)	S13	S: 8/3/2004	12:05	Solid Spike
525 Coell	Soil (0"-12")/	⊔G	Moisture (21)	2212 (Ice Only) (1)	S25	S: 8/3/2004	10:00	Duplicate of S21
5514	Soil (>12")/.	ĽG	Moisture (21)	2224 (Ice Only) (1)	SS14	S: 8/3/2004	11:35	- -
3822 CON 7	Soil (>12")/	ĽG	Moisture (21)	2226 (Ice Only) (1)	SS22	S: 8/3/2004	10:25	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture anal	ysis		· No

TR Number: 3-592370820-080304-0011

### Generic Chain of Custody

Reference Case: 33178

Client No:

R31935

R

Region: 3 Chain of Custody Record 8ampler Date Shipped: 8/3/2004 Signature: **Project Code:** Carrier Name: **FedEx Account Code:** T03W302DD2CE319LA00 Relinguished By (Date / Time) Received By (Date / Time) Airbill: 843517786259 CERCLIS ID: MDSFN0305563 Shipped to: Ceimic Corporation Spill ID: E319 10 Dean Knauss Drive 2 Site Name/State: Narragansett RI 02882 Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 Project Leader: Expanded Site Investigation/RI Action: MDE-ERRP Sampling Co:

SAMPLE No.	MATRIX/	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLEC DATE/TIME	<sup>1</sup> Т	QC Press
	Soil (0"-12")/	L/G	Moisture (21)	2206 (Ice Only) (1)	S15	S: 8/3/2004 12:35	·	Type  Duplicate of S11
SS11 COO(2-	Soil (>12")/	L/G	Moisture (21)	2221 (Ice Only) (1)	SS11	S: 8/3/2004 12:40		<del></del>

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture anal	ysis		

TR Number: 3-592370820-080304-0003

### **SEPA**

#### USEPA Contract Laboratory Program Generic Chain of Custody

L/G

Moisture (21)

2223 (Ice Only) (1)

Reference Case: 33178

Client No:

R31935

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Region: Project Code:	3		Date Shipped: 8/3/2004  Carrier Name: FedEx		Chain of Custody	Record	Sampler Signature:	
Account Code:	T03W302DD2CE319L	.A00	Airbili: 8435177862	59	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID: Spill ID:	MDSFN0305563 E319		Shipped to: Ceimic Corp		1			
Site Name/State:	Route 7 Dump/New J	ersey Fireworks/MD	10 Dean Kna Narragansett	RI 02882	2		·	
Project Leader: Action:	Expanded Site Investi	gation/RI	(401) 782-89	00	3			
Sampling Co:	MDE-ERRP		<u>-</u> ' . :		4			
SAMPLE No.	MATRIX/ CONC/ SAMPLER TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION		COLLECT E/TIME		QC Type
S14 / So	1 (0"-12")/ L/G	Moisture (21)	2205 (log Only) (1)	C44	0. 9/2/2004	44.20	<del></del>	

SS13

S: 8/3/2004

12:10

Ship ment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture anal	ysis		

TR Number: 3-592370820-080304-0005

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Sampling Co:

MDE-ERRP

### USEPA Contract Laboratory Program Generic Chain of Custody

Reference Case: 33178

Client No:

R31935

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Region: 3 Sampler Chain of Custody Record Date Shipped: 8/5/2004 Signature: **Project Code:** Carrier Name: FedEx **Account Code:** T03W302DD2CE319LA00 Relinquished By (Date / Time) Received By (Date / Time) Airbill: 843517786226 CERCLIS ID: MDSFN0305563 Shipped to: Ceimic Corporation Spill ID: E319 10 Dean Knauss Drive Site Name/State: Narragansett RI 02882 Route 7 Dump/New Jersey Fireworks/MD (401) 782-8900 Project Leader: Expanded Site Investigation/RI Action:

				<u> </u>				<u> </u>
SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/Bottles	STATION LOCATION	SAMPLE ( DATE		QC Type
SED3 Coo23	Sediment/	L∕G	Moisture (21)	2215 (ice Only) (1)	SED3	S: 8/5/2004	11:20	-
SED4 COO 24	Sediment/	ĽG	Moisture (21)	2216 (ice Only) (1)	SED4	S: 8/5/2004	10:25	
SED5 COO25	Sediment/	L/G	Moisture (21)	2217 (Ice Only) (1)	SED5	S: 8/5/2004	9:50	
				4	J8.31-04		,	

Ship ment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
PWS			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture anal	ysis		

TR Number: 3-592370820-080504-0001

<b>SEPA</b>	USEPA Contract Laboratory Program Generic Chain of Custody
	Generic Chain of Custody

Client No:

R31935

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Region:	3	Date Shipped:	8/5/2004	Chain of Custody	Record	Sampler	
Project Code:		Carrier Name:	FedEx			Signature:	
Account Code:	T03W302DD2CE319LA00	Airbili:	843517786226	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN0305563	Shipped to:	Ceimic Corporation	1			
Spill ID:	E319	Spp. 2.2.	10 Dean Knauss Drive	<del> </del>			
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD		Narragansett RI 02882	2			
Project Leader:			(401) 782-8900	3	······································	† · · · · · · · · · · · · · · · · · · ·	
Action:	Expanded Site Investigation/RI	1		3			
Sampling Co.	MNC EDDD	I		1 a	*		•

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT	QC Type
SED7	Sediment/	L/G	Moisture (21)	2219 (ice Only) (1)	SED7	S: 8/5/2004	8:50	-
SED8	Sediment/	₽Ğ	Moisture (21)	2220 (ice Only) (1)	SED8	S: 8/5/2004	8:55	Duplicate of SED7

Ship ment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
Moisture = Moisture ana	ysis		· ·	

TR Number: 3-592370820-080504-0008

<b>©FP</b> Δ	USEPA Contract Laboratory Generic Chain of Custody	Program
	Generic Chain of Custody	

Client No:

R31935

Region: Project Code:	3	Date Shipped: Carrier Name:	,	Chain of Custody	Record	Sampler Signature:	
Account Code:	T03W302DD2CE319LA00	Airbill:	843517786226	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN0305563	Shipped to:	Ceimic Corporation	1			
Spill ID:	E319		10 Dean Knauss Drive	<u> </u>	<del></del>	<del> </del>	<del></del>
Site Name/State:	Route 7 Dump/New Jersey Fireworks/MD		Narragansett Ri 02882 (401) 782-8900			<u> </u>	<del></del>
Project Leader:	Empaded Site Investigation/DI		(401) 102-0300	3			-
Action:	Expanded Site Investigation/RI			4			
Sampling Co:	MDE-ERRP	<u> </u>		<u> </u>	. <u>.</u>	<u> </u>	

SAMPLE N	MATRIX/ lo. SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	QC Type	1
SED1	Sediment/	L/G	Moisture (21)	2213 (Ice Only) (1)	SED1	S: 8/5/2004 11:25	-	
SED2	Sediment/	ĽG	Moisture (21)	2214 (Ice Only) (1)	SED2	S: 8/5/2004 11:45	-	

Ship ment for Case Complete? N Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
Moisture = Moisture anal	ysis		

<b>SEPA</b>	<b>USEPA Contract Laboratory Program Generic Chain of Custody</b>
	Generic Chain of Custody

Client No:

R31935

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Region: Project Code:	3						ly Record	Sampler Signature:	
Account Code:	T03W302D	D2CE319LA	<b>\00</b>		17786226	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	MDSFN030	5563		Shipped to: Ceim	ic Corporation	1			
Spill ID: Site Name/State	E319 Route 7 Du	mp/New Jei	rsey Fireworks/MD	Narra	10 Dean Knauss Drive Narragansett RI 02882	2			
Project Leader: Action:	•		(401) 782-8900		3				
Sampling Co:	MDE-ERRI	5	and a second of	مانيد يا يت يو يعد مد د د د	A Martine of a data of control to the property of the control to t	4		and the gradient of the control of t	the of a common common which is
SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bo	STATION LOCATION		LE COLLECT ATE/TIME		QC Type
SED6	Sediment/	L/G	Moisture (21)	2218 (Ice Only) (1)	SED6	S: 8/5/2004	9:35	V. V. V. V. V.	-

Ship ment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?
Moisture = Moisture anal	VSIS		

TR Number: 3-592370820-080504-0006

	U.S EPA Region	n III Ar	alytical Requ	st Forn	n		
RAS CASE #: CT3062 3317-8	DAS#			NSF #:	***************************************		
Date: 6/16/04	QAPP	/SAP: 06/	/04	Data Va	lidation Level: IM2	. M3	
Site: REMAITENERKS Now Tel	sey Fireworks					· · · · · · · · · · · · · · · · · · ·	
Address: RT.7 OLD PHILADELPHIA RD	City: ELKTON		State	MD			
Latitude: 39 36 15	Longit	ude: 75 5	2 50				
Program: CERCLA	CERCLIS#: MDSFN03		Activity: ESI	· .	·		
Account #: 2004T03 N 302DD2CE319LA00	Operable Unit: 00		Spill ID: E31	9			
Preparer: PHILL ANDERSON	Phone: 410 537-3440		Fax: 410 537-3472		E-mail: panderso	n@mde.state.md.us	
OSC/RPM: LORIE BAKER	Phone: 215 814-3355		Fax:		E-mail: baker.lor		
Site Leader: PHILL ANDERSON	Phone: 410 537-3440		Fax: 410 5337-347	2		n@mde.state.md.us	······································
EPA CO: LORIE BAKER	Contract Type:		Prime: MDE		Sub:		
Analytical TAT: 21 days			Analytical + Valid	ation TA	Γ: 42 days	· · · · · · · · · · · · · · · · · · ·	
Ship Date From: Aug 3, 2004	•		Ship Date To: Aug				
Samples	Method	Parame				Matrix	
27	OLM04.3	TCL V			Ceinic	SOIL/SEDIMENT	122392
27	OLM04.3	TCL SY	OCS & TCL PES	TICIDES	Ceinical	SOIL/SEDIMENT	
27	ILM05.3 ICP. HES	TAL M	ETALS & CYAN		BONNER	SOIL/SEDIMENT	22396
3	OLM04.3	TCL V	OCS		Ceimic	WATER	22392
23	OLM04.3		OCS & PESTICI		Ceimic /	WATER	22393,22394
44' 2	ILM05.3 TCP-AES	TAL M	ETALS TALME	lab Bo	WNER	WATER	22397
23	ILM05.3 TCP-AES	CYAN	DE+Metal	+Ha Bou	INER	WATER	12398
		1 .	Hara <mark>10 A</mark> ngahara				
Instruction: Please note: after final approval							

Instruction: Please note; after final approval of the SAP, it was determined that an additional trip blank may be necessary. Therefore, this RAS request reflects (3) trips blanks compared to (2) that is outlined in the SAP.

Auditori & entered: 8/26/04 DH

WHIDING

# Appendix E

\_aboratory Case Narrative

ANIONA



#### **SDG** Narrative

The enclosed data package is in response to USEPA, Region III, Case No. 33178, and SDG No. C0001, Contract No. 68-W-03-018. Under this SDG there are 22 VOA, 22 SVOA and 22 PEST/PCB samples received at Ceimic Corporation on August 4 and 6, 2003.

•		
EPA ID:	CEIMIC ID:	<u>Analysis</u>
√C0001	040773-01	VOA, SVOA, PEST/PCB
C0008	040773-02	VOA, SVOA, PEST/PCB
C0019	040773-03	VOA, SVOA, PEST/PCB
C0004	040773-04	VOA, SVOA, PEST/PCB
C0014	040773-05	VOA, SVOA, PEST/PCB
C0002	040773-06	VOA, SVOA, PEST/PCB
∠C0006	040773-07	VOA, SVOA, PEST/PCB
C0007	040773-08	VOA, SVOA, PEST/PCB
√C0003	040773-09	VOA, SVOA, PEST/PCB
C0003MS	040773-09MS	VOA, SVOA, PEST/PCB
C0003MSD	040773-09MSD	VOA, SVOA, PEST/PCB
∕C0011	040773-10	VOA, SVOA, PEST/PCB
∕C0015	040773-11	VOA, SVOA, PEST/PCB
∕C0017	040773-12	VOA, SVOA, PEST/PCB
✓C0009	040773-13	VOA, SVOA, PEST/PCB
✓C0010	040773-14	VOA, SVOA, PEST/PCB
√C0016	040773-15	VOA, SVOA, PEST/PCB
√C0018	040773-16	VOA, SVOA, PEST/PCB
√C0005	040773-17	VOA, SVOA, PEST/PCB
√C0012	040773-18	VOA, SVOA, PEST/PCB
√C0023	040773-19	VOA, SVOA, PEST/PCB
√C0024	040773-20	VOA, SVOA, PEST/PCB

#### (1) Sample Receipt

Cooler Temperatures upon receipt were 2°C, 3°C, 4°C and 5°C.

#### (2) Instrumentation and Column Identification

The following instruments were used for the analyses:

#### GC/ECD Analysis

#### A. VOA

MS15 HP5972 GC/MS, 30m, 0.25mm ID, 1.4 um, DB-624 capillary column. OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)



#### B. SVOA

MS10 HP5890SeriesII GC, HP5970BMS,30 m,25 mm ID, ZB-5 fused silica capillary column

MS11 HP6890 GC, HP5973MS,30 m,25 mm ID, ZB-5 fused silica capillary column

#### C. PEST/PCB

AD6: HP5890II (GC8) using 30m x 0.53mm ID, DB5 megabore column

AD7: HP5890II (GC8) using 30m x 0.53mm ID, DB35 megabore column

#### (3) Sample Information

An "x" qualifier is flagged by Target Thru-put software whenever the data is manually edited. The letter "M" for GC/MS and for GC is used on the raw data of the quantitation report whenever a manual integration is performed. Manual integrations are performed on GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manager for Pest/PCB.

#### A. VOA Fraction (Method CLP SOW OLM04.3)

The %moistures of the soil samples were:

Client ID:	Ceimic ID:	<u>%M:</u>
C0001	040773-01	18.
C0002	040773-06	16
C0003	040773-09	10
C0004	040773-04	41
C0005	040773-17	27
C0006	040773-07	29
C0007	040773-08	23
C0008	040773-02	22
C0009	040773-13	33
C0010	040773-14	19
C0011	040773-10	25
C0012	040773-18	14
C0014	040773-05	14
C0015	040773-11	15
C0016	040773-15	16



C0017	040773-12	12
C0018	040773-16	11
C0019	040773-03	17
.C0023	040773-19	34
C0024	040773-20	21

The recoveries of the spike compounds trichloroethene and chlorobenzene were flagged as outliers in the matrix spike duplicate. The majority of the Relative Percent Differences (RPDs) failed quality control criteria in the comparison of the duplicate matrix spikes. In accordance with the Statement of Work (SOW), we have reported the data without further analysis.

#### B. SVOA Fraction (Method CLP SOW OLM04.3)

The pH and %moisture of the soil samples were:

* (			
Client ID:	Ceimic ID:	pН	%M_
C0001	040773-01	4.2	22
C0002	040773-06	8.6	25
C0003	040773-09	8.6	8
C0004	040773-04	7.0	22
C0005	040773-17	4.8	13
C0006	040773-07	6.3	21
C0007	040773-08	7.9	27
C0008	040773-02	7.2	18
C0009	040773-13	4.6	9
C0010	040773-14	5.2	14
C0011	040773-10	8.0	27
C0012	040773-18	4.8	16
C0014	040773-05	8.9	7
C0015	040773-11	6.9	13
C0016	040773-15	7.1	18
C0017	040773-12	5.5	18
C0018	040773-16	4.8	13
C0019	040773-03	4.9	15
C0023	040773-19	4.8	31
C0024	040773-20	5.7	18

Due to the results of a screen, the following sample was analyzed at a dilution:

Client ID:	Ceimic ID:	<u>Dilution:</u>
C0003	040773-09	3:1

Manual quantitations were performed on one or more of the process files associated with this SDG, including samples C0003, C0008, and C0023. The



The enclosed data package is in response to USEPA, Region III, Case No. 33178, and SDG No. C0021, Contract No. 68-W-03-018. Under this SDG there are 8 VOA, 8 SVOA and 8 PEST/PCB samples received at Ceimic Corporation on August 6, 2004.

EPA ID:	CEIMIC ID:	<u>Analysis</u>
C0025	040790-01	VOA, SVOA, PEST/PCB
C0027	040790-02	VOA, SVOA, PEST/PCB
C0028	040790-03	VOA, SVOA, PEST/PCB
C0021	040790-04	VOA, SVOA, PEST/PCB
C0022	040790-05	VOA, SVOA, PEST/PCB
C0026	040790-06	VOA, SVOA, PEST/PCB
C0026MS	040790-06MS	VOA, SVOA, PEST/PCB
C0026MSD	040790-06MSD	VOA, SVOA, PEST/PCB

#### (1) Sample Receipt

Cooler Temperatures upon receipt were 3°C, 4°C and 6°C.

#### (2) Instrumentation and Column Identification

The following instruments were used for the analyses:

#### GC/ECD Analysis

#### A. VOA

MS15 HP5972 GC/MS, 30m, 0.25mm ID, 1.4 um, DB-624 capillary column. OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

#### B. SVOA

MS11 HP6890 GC, HP5973MS,30 m,25 mm ID, ZB-5 fused silica capillary column

#### C. PEST/PCB

AD8: HP5890II (GC7) using 30m x 0.53mm ID, DB5 megabore column AD9: HP5890II (GC7) using 30m x 0.53mm ID, DB1701 megabore column

#### (3) Sample Information

An "x" qualifier is flagged by Target Thru-put software whenever the data is manually edited. The letter "M" for GC/MS and for GC is used on the raw data of the quantitation report whenever a manual integration is performed. Manual integrations are performed on

ORIGINAL

GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manager for Pest/PCB.

#### A. VOA Fraction (Method CLP SOW OLM04.3)

The %moistures of the soil samples were:

Client ID:	Ceimic ID:	%M:
C0021	040790-04	28
C0022	040790-05	22
C0025	040790-01	38
C0026	040790-06	22
C0027	040790-02	21
C0028	040790-03	42

No sample was designated for QC. The Region was contacted and agreed with Ceimic's request to use sample C0026 for QC.

The recovery of the spike compound 1,1-dichloroethene was flagged as an outlier in the matrix spike.

#### B. SVOA Fraction (Method CLP SOW OLM04.3)

The pH and %moisture of the soil samples were:

Client ID:	Ceimic ID:	Нq	%M
C0021	040790-04	5.5	23
C0022	040790-05	5.3	24
C0025	040790-01	5.6	41
C0026	040790-06	5.3	23
C0027	040790-02	5.5	31
C0028	040790-03	6.0	27

Manual quantitations were performed on one or more of the process files associated with this SDG, including samples C0025 and C0026. The recoveries of the spike compounds 4-nitrophenol and pentachlorophenol were flagged as outliers in the matrix spike duplicates. The Relative Percent Difference (RPD) of acenaphthene was flagged as an outlier in the comparison of the duplicate matrix spikes.

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#### C. PEST/PCB Fraction (Method CLP SOW OLM04.3)

No non-compliances noted.

#### **Deviations from the SOW**

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the laboratory manager or his/her designee, as verified by the following signature.

Laboratory Manager

5

# ALKANE NARRATIVE REPORT Report date : 08/25/2004 SDG: C0021

Client Sample ID: C0025 Compound	Lab Sample ID: 040790-01 File ID: K9761 RT Est. Conc. Q
Unknown Straight Chain Alkane	12.21 3900 J
Unknown Straight Chain Alkane	13.06 3500 J
Client Sample ID: C0027	Lab Sample ID: 040790-02 File ID: K9762
Compound	RT Est. Conc. Q
Unknown Straight Chain Alkane	11.50 320 J
Unknown Straight Chain Alkane	12.17 1800 J
Compound	Lab Sample ID: 040790-03 File ID: K9763 RT Est. Conc. Q
Unknown Branched Alkane Unknown Straight Chain Alkane Unknown Straight Chain Alkane	8.01 230 J 9.54 160 J 9.84 210 J 10.41 230 J 11.50 350 J 12.17 3900 J 13.02 3100 J

# ORIGINAL

#### **SDG Narrative**

The enclosed data package is in response to USEPA, Region III, Case No. 33178, and SDG No. C0032, Contract No. 68-W-03-018. Under this SDG there are 3 VOA, 4 SVOA and 4 PEST/PCB samples received at Ceimic Corporation on August 6, 2004.

EPA ID:	CEIMIC ID:	<u>Analysis</u>
C02B8	040791-01	VOA
C02B8MS	040791-01MS	VOA
C02B8MSD	040791-01MSD	VOA
C0032	040791-02	SVOA, PEST/PCB
C0032MS	040791-02MS	SVOA, PEST/PCB
C0032MSD	040791-02MSD	SVOA, PEST/PCB
C0041	040791-03	SVOA, PEST/PCB

#### (1) Sample Receipt

Cooler Temperatures upon receipt were 4°C and 6°C.

#### (2) Instrumentation and Column Identification

The following instruments were used for the analyses:

#### GC/ECD Analysis

#### A. VOA

MS4 HP5972 GC/MS, 30m, 0.25mm ID, 1.4 um, DB-624 capillary column. OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

#### B. SVOA

MS11 HP6890 GC, HP5973MS,30 m,25 mm ID, ZB-5 fused silica capillary column

#### C. PEST/PCB

AD8: HP5890II (GC7) using 30m x 0.53mm ID, DB5 megabore column

AD9: HP5890II (GC7) using 30m x 0.53mm ID, DB1701 megabore column

#### (3) Sample Information

An "x" qualifier is flagged by Target Thru-put software whenever the data is manually edited. The letter "M" for GC/MS and for GC is used on the raw data of the quantitation report whenever a manual integration is performed. Manual integrations are performed on

GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manager for Pest/PCB.

#### A. VOA Fraction (Method CLP SOW OLM04.3)

The pH of the water sample was:

Client ID:	Ceimic ID:	<u>pH:</u>
C02B8	040791-01	1

No sample was designated for QC. The Region was contacted and agreed with Ceimic's request to use sample C02B8 for VOA QC.

#### B. SVOA Fraction (Method CLP SOW OLM04.3)

Aqueous Sample Reference Table:

Client ID	Ceimic ID
C0032	040791-02
C0041	040791-03

No sample was designated for QC. The Region was contacted and agreed with Ceimic's request to use sample C0032 for BNA/PEST QC.

500 m L of r aw s ample were used to extract the matrix spike duplicates, rather than the method-specified amount of 1000 mL. Low sample volume was received for the original sample. The recovery of the spike compound 4-nitrophenol was flagged as an outlier in the matrix spike and matrix spike duplicate.

#### C. PEST/PCB Fraction (Method CLP SOW OLM04.3)

No non-compliances noted.

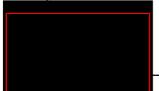
#### **Deviations from the SOW**

None other than specified above.

#### End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette

has been authorized by the laboratory manager or his/her designee, as verified by the following signature.



Laboratory Manager

Date



#### **SDG** Narrative

The enclosed data package is in response to USEPA, Region III, Case No.33178, and SDG No. C0038, Contract No. 68-W-03-018. Under this SDG there are 4 VOA, 20 SVOA and 20 PEST/PCB samples received at Ceimic Corporation on August 4, 5 and 6, 2004.

EPA ID:	CEIMIC ID:	Analysis
C0049	040774-01	SVOA, PEST/PCB
C0049MS	040774-01MS	SVOA, PEST/PCB
C0049MSD	040774-01MSD	SVOA, PEST/PCB
C0038	040774-02	VOA
C0038MS	040774-02MS	VOA
C0038MSD	040774-02MSD	VOA
C0051	040774-03	SVOA, PEST/PCB
C0052	040774-04	SVOA, PEST/PCB
C0042	040774-05	SVOA, PEST/PCB
C0047	040774-06	SVOA, PEST/PCB
C0040	040774-07	VOA
C0045	040774-08	SVOA, PEST/PCB
C0046	040774-09	SVOA, PEST/PCB
C0039	040774-10	SVOA, PEST/PCB
C0043	040774-11	SVOA, PEST/PCB
C0044	040774-12	SVOA, PEST/PCB
C0031	040774-13	SVOA, PEST/PCB
C0033	040774-14	SVOA, PEST/PCB
C0035	040774-15	SVOA, PEST/PCB
C0036	040774-16	SVOA, PEST/PCB
C0029	040774-17	SVOA, PEST/PCB
C0030	040774-18	SVOA, PEST/PCB
C0034	040774-19	SVOA, PEST/PCB
C0037	040774-20	SVOA, PEST/PCB

#### (1) Sample Receipt

Cooler Temperatures upon receipt were 3°C, 4°C and 5°C.

#### (2) Instrumentation and Column Identification

The following instruments were used for the analyses:

#### GC/ECD Analysis

#### A. VOA

MS4 HP5972 GC/MS, 30m, 0.25mm ID, 1.4 um, DB-624 capillary column.



OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve) MS16 HP5972 GC/MS, 30m, 0.25mm ID, 1.4 um, DB-624 capillary column. OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

#### B. SVOA

MS10 HP5890SeriesII GC, HP5970BMS,30 m,0.25 mm ID, ZB-5 fused silica capillary column

MS11 HP6890 GC, HP5973MS,30 m,0.25 mm ID, ZB-5 fused silica capillary column

#### C. PEST/PCB

AD8: HP5890II (GC7) using 30m x 0.53mm ID, DB5 megabore column AD9: HP5890II (GC7) using 30m x 0.53mm ID, DB1701 megabore column

#### (3) Sample Information

An "x" qualifier is flagged by Target Thru-put software whenever the data is manually edited. The letter "M" for GC/MS and for GC is used on the raw data of the quantitation report whenever a manual integration is performed. Manual integrations are performed on GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manager for Pest/PCB.

#### A. VOA Fraction (Method CLP SOW OLM04.3)

The pHs of the water samples were:

Client ID:	Ceimic ID:	pH:
C0038	040774-02	1
C0040	040774-07	1

No sample was designated for QC. The Region was contacted and agreed with Ceimic's request to use sample C0038 for VOA QC.

#### B. SVOA Fraction (Method CLP SOW OLM04.3)

Aqueous Sample Reference Table:

Client ID	Ceimic ID
C0029	040774-17
C0030	040774-18

C0031	040774-13
C0033	040774-14
C0034	040774-19
C0035	040774-15
C0036	040774-16
C0037	040774-20
C0039	040774-10
C0042	040774-05
C0043	040774-11
C0044	040774-12
C0045	040774-08
C0046	040774-09
C0047	040774-06
C0049	040774-01
C0051	040774-03
C0052	040774-04

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No sample was designated for QC. The Region was contacted and agreed with Ceimic's request to use sample C0049 for BNA/PEST QC.

Manual quantitations were performed on one or more of the process files associated with this SDG, including sample C0052. One base surrogate failed quality control criteria in C0033, C0034, C0035, C0036, C0037, C0042, C0044, C0046, and C0047. The recovery of the spike compound 4-nitrophenol was flagged as an outlier in the matrix spike. The recoveries of the spike compounds N-nitroso-di-n-propylamine and 4-nitrophenol were flagged as outliers in the matrix spike duplicate. The Relative Percent Difference (RPD) of N-nitroso-di-n-propylamine was flagged as an outlier in the comparison of the duplicate matrix spikes.

#### C. PEST/PCB Fraction (Method CLP SOW OLM04.3)

All samples were extracted and analyzed within their respective holding times.

The following recoveries were outside the QC limits in C0049MS/MSD:

Analyte	% MS	% MSD	%RPD
4,4'-DDT			32

No other non-compliances were noted.

#### **Deviations from the SOW**

None other than specified above.

End of SDG Narrative



I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the laboratory manager or his/her designee, as verified by the following signature.

Laboratory Manager

Date

# ALKANE NARRATIVE REPORT Report date : 08/24/2004 SDG: C0038

Client Sample ID: C0036 Compound	Lab Sample ID: 040774-16 RT Est. Conc	File ID: K9741
Unknown Straight Chain Alkane Unknown Branched Alkane Unknown Straight Chain Alkane	11.52 6 11.83 7 12.18 13	Ј . Ј
Unknown Straight Chain Alkane	12.58 10	J

From:

Sent:

Monday, August 09, 2004 3:05 PM

To:

mail)

Cc:

mail)

Subject:

Region 03 | Case 33178 | Lab CEIMIC | Issue Insufficient/inappropriate designation of

laboratory QC | FINAL

In accordance with previous direction from Region 3, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the Case/SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples.

SMO will record that the laboratory will perform lab QC as follows: VOA sample C0038 and BNA/PEST sample C0049 for lab QC for SDG C0038 VOA/BNA/PEST sample C0026 for lab QC for SDG C0021 VOA sample C0288 and BNA/PEST sample C0032 for lab QC for SDG C0032.

Please let me know if you have any other questions or problems.

Thanks,

CSC

CLP Coordinator for Regions 3, 7, & 9

703-818-4214

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

----Original Message----

From:

Sent: Monday, August 09, 2004 9:17 AM

To:

Subject: Case 33178 insufficient Lab QC

Hi

The following SDGs do not have sufficient Lab QC assignments; please let me know if the following assignments designated by CEIMIC are acceptable:

Aqueous SDG C0038: BNA/PEST to be performed on sample C0049 as indicated on the TR/COC. VOA Lab QC not designated; CEIMIC chooses sample C0038.

Soil SDG C0021: No Lab QC designated; CEIMIC chooses sample C0026 for all organic fractions.

Aqueous SDG C0032: No Lab QC designated; CEIMIC chooses sample C02B8 for VOA (this is the only VOA sample in this SDG), and sample C0032 for BNA/PEST.

Thanks!

From:

Sent:

Monday, August 09, 2004 3:05 PM

To:

mail)

Cc:

mail)

Subject:

Region 03 | Case 33178 | Lab CEIMIC | Issue Insufficient/inappropriate designation of

laboratory QC | FINAL



In accordance with previous direction from Region 3, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the Case/SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples.

SMO will record that the laboratory will perform lab QC as follows: VOA sample C0038 and BNA/PEST sample C0049 for lab QC for SDG C0038 VOA/BNA/PEST sample C0026 for lab QC for SDG C0021 VOA sample C02B8 and BNA/PEST sample C0032 for lab QC for SDG C0032.

Please let me know if you have any other questions or problems.

Thanks,

CSC

CLP Coordinator for Regions 3, 7, & 9

703-818-4214

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

----Original Message----

From:

Sent: Monday, August: 09, 2004 9:17 AM

To:

Subject: Case 33178 insufficient Lab QC

Hi

The following SDGs do not have sufficient Lab QC assignments; please let me know if the following assignments designated by CEIMIC are acceptable:

Aqueous SDG C0038: BNA/PEST to be performed on sample C0049 as indicated on the TR/COC. VOA Lab QC not designated; CEIMIC chooses sample C0038.

Soil SDG C0021: No Lab QC designated; CEIMIC chooses sample C0026 for all organic fractions.

Aqueous SDG C0032: No Lab QC designated; CEIMIC chooses sample C02B8 for VOA (this is the only VOA sample in this SDG), and sample C0032 for BNA/PEST.

hanks!





To: panderson@mde.state.md.us, psmith@mde.state.md.us

cc: cc:

Subject: 33178, New Jersey Fireworks

Please issue a memo to file adding the sample collection time to the tags for sample C0014. The COC states that the samples were collected at 12:10 but the time was missing from the tags. Also, in the future, all samples going to CLP labs (RAS or routine analytical services booked through Clients Team and Sample Management Office (Holly) must use CLP sample numbers. You used station locations for the sample numbers on the aliquots of samples for % moisture. This causes a lot of extra work for the labs and for the validators and auditors. These samples should have been an additional aliquot (with a tag number) of the CLP sample. In other words, sample C0004 should have been listed on the COC with its 3 tags for voa, bna, pest/pcb and a fourth tag should have been listed for % moisture. If the samples must be split on the COC's because they are in different coolers, the same sample number should be used.

**ESAT Auditor, Region 3** Lockheed Martin Environmental Services 701 Mapes Road Ft. Meade, MD 20755-5350 Phone 410-305-3015 Fax 410-305-3095





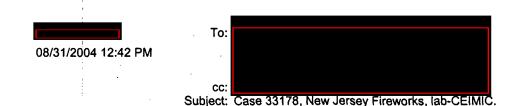
08/31/2004 01:03 PM



Subject: Re: Case 33178, New Jersey Fireworks, lab-CEIMIC.



They were requested to collect additional sample volume. In the past, they did not collect sufficient sample volume which resulted in compromising re-analysis of samples. I do not know why they did not use the CLP numbers for the %moisture samples.



For case 33178, New Jersey Fireworks, MDE collected 3 sample containers each for the soil/sediment sample analyses (organics) and named the samples per the CLP nomenclature (C0001, C0002, etc.) They also collected a fourth container of soil/sediment for each sample for which they used the station location as the sample number (SED3, SED 4, etc.) These samples were designated for moisture analysis on the COC and were listed on separate COC's. The moisture samples were collected at the same time as the organic samples and had the same station locations but had different sample numbers. I don't believe it was necessary to collect these moisture samples, let alone ship them to CEIMIC. There were 26 of them.

Would you please confirm that the shipment of these moisture samples was not necessary. FYI: the lab reported the % moisture by CLP sample number in the narrative and did not mention the incorrectly numbered % moisture samples.

ESAT Auditor, Region 3 Lockheed Martin Environmental Services 701 Mapes Road Ft. Meade, MD 20755-5350 Phone 410-305-3015 Fax 410-305-3095



#### MDE

#### MARYLAND DEPARTMENT OF THE ENVIRONMENT



1800 Washington Boulevard, Suite 625 • Baltimore MD 21230 410-537-3000 • 1-800-633-6101

Robert L. Ehrlich, Jr. Governor

Kendl P. Philbrick Secretary

Michael S. Steele Lt. Governor September 10, 2004

Jonas A. Jacobson Deputy Secretary

#### VALIDATOR'S COPY

Ceimic Corporation 10 Dean Knauss Drive Narragansett, R.I. 02882

Dear

This letter documents an error that was made in the field for Region III Case # 33178. It is my understanding that sample times are missing from the tags for sample number C0014 (Station Location SS13). These tags should have had a sample time of 1210 as is indicated on Traffic Report# 3-592370820-080304-0006.

If you have any questions, please contact me at (410) 537-3493.

Sincerely,

Peggy Smith, CLP Coordinator CHS Enforcement/Fund Lead Site

Assessment Division

Kiggy Smith

PS

cc:

Mr. Ms. Lorie Baker

Mr.

Ms.

Ms.

From:

Sent:

Monday, August 09, 2004 3:05 PM

To:

mail)

Cc:

mail)

Subject:

Region 03 | Case 33178 | Lab CEIMIC | Issue Insufficient/inappropriate designation of

laboratory QC | FINAL



In accordance with previous direction from Region 3, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the Case/SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples.

SMO will record that the laboratory will perform lab QC as follows: VOA sample C0038 and BNA/PEST sample C0049 for lab QC for SDG C0038 VOA/BNA/PEST sample C0026 for lab QC for SDG C0021 VOA sample C02B8 and BNA/PEST sample C0032 for lab QC for SDG C0032.

Please let me know if you have any other questions or problems.

Thanks,

CLP Coordinator for Regions 3, 7, & 9

703-818-4214

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Original Message --

From:

Sent: Monday, August 09, 2004 9:17 AM

(E-mail)

Subject: Case 33178 insufficient Lab QC

Ηi

The following SDGs do not have sufficient Lab QC assignments; please let me know if the following assignments designated by CEIMIC are acceptable:

Aqueous SDG C0038: BNA/PEST to be performed on sample C0049 as indicated on the TR/COC. VOA Lab QC not designated; CEIMIC chooses sample C0038.

Soil SDG C0021: No Lab QC designated; CEIMIC chooses sample C0026 for all organic fractions.

Aqueous SDG C0032: No Lab QC designated; CEIMIC chooses sample C02B8 for VOA (this is the only VOA sample in this SDG), and sample C0032 for BNA/PEST.

Thanks!

